Bibliography of
Water-Resources Investigations Reports
Published by the U.S. Geological Survey
From 1971 Through 1982

By SHARON A. EDMONDS



U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT 89-69

UNITED STATES DEPARTMENT OF THE INTERIOR MANUEL LUJAN, JR., Secretary

U.S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information:

Chief Hydrologist U.S. Geological Survey 409 National Center Reston, VA 22092 For sale by:

Books and Open-File Reports Section U.S. Geological Survey, MS 517 Box 25425, Federal Center Denver, CO 80225 (303) 236-7476

CONTENTS

	Page
Abstract	1
Introduction	1
Organization of the bibliography	1
Bibliography	2
Published 1971	2
Published 1972	2
Published 1973	2
Published 1974	5
Published 1975	7
Published 1976	10
Published 1977	16
Published 1978	22
Published 1979	29
Published 1980	34
Published 1981	39
Published 1982	43

Bibliography of Water-Resources Investigations Reports Published by the U.S. Geological Survey From 1971 Through 1982

By Sharon A. Edmonds

ABSTRACT

This report contains a cross-reference listing of Water-Resources Investigations reports (WRIR's) published through 1982. The reports are listed by WRIR number. Most requests for WRIR's generally are by WRIR number; however, the Survey's annual catalog, "Publications of the U.S. Geological Survey [year]," indexes WRIR's under the National Technical Information Service number, with the WRIR appearing only at the end of the citation within the index. Additionally, a few WRIR's have been listed in the index without any reference to their WRIR number; and some WRIR's appeared only in the discontinued Water-Resources Investigations folder series. This report lists WRIR's in sequential order to assist the readership in locating a particular publication.

INTRODUCTION

This report is intended as a cross-reference to aid the general public in obtaining copies of WRIR's published from 1971 through 1982. Water-Resources Investigations Reports published after 1982 have been assigned a series 4000 number and generally are available from the Books and Open-File Reports Section, U.S. Geological Survey, Box 25425, Federal Center, Building 810, Denver, Colorado 80225.

ORGANIZATION OF THE BIBLIOGRAPHY

This report lists the reports by WRIR number. Many WRIR's were listed in the Survey's catalog entitled "Publications of the U.S. Geological Survey [year]" under the National Technical Information Service number, not the WRIR number, and therefore are difficult to find. Most frequently, the WRIR number appeared only at the end of the citation within the index; and some WRIR's were listed in the index without any reference to their WRIR number. This report also includes WRIR's that were not listed in any U.S. Geological Survey index. Some appeared only in the discontinued Water-Resources Investigations folder series.

The majority of WRIR's published from 1971 through 1982 are available from the National Technical Information Service (NTIS), U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, (703) 487-4650, or FTS 737-4650. The reports available from NTIS are identified by "PB-" or "ADA-" followed by a 6-digit number. When contacting NTIS to obtain current price information or when ordering copies of a report, refer to the report by its "PB-" or "ADA-" number.

Some WRIR's released prior to 1982 were printed in limited quantity, with only a small number available for distribution at the District level. Many of these reports are now available from the District offices as "loan copy only," or "for inspection only." Current availability is indicated within this report.

BIBLIOGRAPHY

1971

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author	
71-15	PB-259 962		Data file, continental margin program, Atlantic coast of the United States: Vol. 2, Sample collection and analytical data, edited by J.C. Hathaway	7-73	PB-222 409		Magnitude and frequency of floods in small drainage basins in Idaho, by C.A. Thomas, W.A. Harenberg, and J.M. Anderson	
1972				8-73	PB-222 107		Hydrology and recreation on selected cold-water rivers of	
1-72	PB-218 965		Water resources of the Red River of the North drainage basin in Minnesota, by R.W. Maclay, T.C. Winter, and L.E. Bidwell				the St. Lawrence River basin in Michigan, New York, and Wisconsin, by G.E. Hendrick- son, R.L. Knutilla, and C.J. Doonan	
2-72	PB-213 972		Water-temperature data acquisition activities in the United States, by F.H. Pauszek	9-73	PB-224 985		Test-observation well near Patterson, Washington: De- scription and preliminary	
4-72	ADA-O19 247		Ground-water conditions in the lower Withlacoochee River—Cross-Florida Barge Canal complex, by G.L. Faulkner	10-73	PB-222 921		results, by H.E. Pearson Artificial-recharge experiments and operations on the southern high plains of Texas	
5-72	PB-244 257		Salt-water movement in the lower Withlacoochee River—Cross-Florida Barge Canal				and New Mexico, by R.F. Brown and D.C. Signor	
1973			complex, by P.W. Bush	11-73	PB-225 204/7		The hydrology of ten streams in western Washington as related to the propagation of	
1-73	PB-244 669	•••••	Geology of the Cross-Florida Barge Canal area with special reference to the Ocala vicinity,				several Pacific salmon species, by M.R. Collings and G.W. Hill	
			by G.L. Faulkner	12-73	PB-237 304		Water resources of the upper Neuse River basin, North	
2-73	PB-239 600	•••••	Dewatering of the Clayton Formation during construction of the Walter F. George Lock				Carolina, by A.L. Putnam and K.L. Lindskov	
			and Dam, Fort Gaines, Clay County, Georgia, by J.W. Stewart	13-73	PB-243 732		Ground-water hydrology of northern Napa Valley, Cali- fornia, by R.E. Faye	
3-73	PB-220 751		Effects of urbanization on floods in the Huston, Texas, metropolitan area, by S.L. Johnson and D.M. Sayre	14-73	PB-222 066		An empirical method of estimating daily average basinwide snowmelt, by S.E. Rantz	
4-73	PB-219 588		Data requirements for model- ing a ground-water system in an arid region, by Fred Kunkel	15-73	PB-241 673		Water quality of the Lake Siskiyou area and a reach of upper Sacramento River below	
5-73		Oklahoma District inspection only	Floods of 1971 and 1972 on Glover Creek and Little River in southeastern Oklahoma, by W.O. Thomas, Jr., and R.K. Corley				Box Canyon Dam, California, May 1970 through September 1971, by A.E. Dong and R.L. Tobin	
6-73	PB-241 614		Geology and quality of water in the Modesto-Merced area, San Joaquin Valley, Califor- nia, with a brief section on hydrology, by R.W. Page and G.O. Balding	16-73	PB-235 732		Reconnaissance study of selected nutrients, pesticides, and trace elements in the Eel, Salinas, and Santa Ana Rivers, California, by G.A. Irwin and Michael Lemons	

1973—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
17-73	PB-222 558		Availability of water from limestone and dolomite aquifers in southwest Ohio and the relation of water quality to the regional flow system, by S.E. Norris and R.E. Fidler	27-73	PB-232 790		Index to U.S. Geological Survey computer files containing daily values for water parameters to September 30, 1971, Central Region, by C.R. Showen and N.G. Stuthmann
18-73	PB-232 683		Effects of ground-water development on the proposed Palmetto Bend Dam and Reservoir in southeast Texas, by E.T. Baker, Jr., and C.R. Follett	28-73	PB-232 793		Index to U.S. Geological Survey computer files containing daily values for water parameters to September 30, 1971, Western Region, by C.R. Showen and N.G. Stuthmann
19-73	PB-224 080		Bolinas Lagoon, Marin County, California—Summary of sedimentation and hydrolo- gy, 1967-79, by J.R. Ritter, with a section on flourescent-	29-73	PB-226 227		Electric-analog simulation net- work of unconsolidated aquif- ers in the upper Wabash River basin, Indiana, by J.E. Heisel
20-73	PB-243 037		tracer study of sediment move- ment, by W.M. Brown, III Wastewater infiltration near	30-73	PB-224 066		An evaluation of water-quality data obtained in four stream-flow daily-record stations in Idaho, by K.L. Dyer
22 72	DD 222 702		the City of Mount Shasta, Siskiyou County, California, by G.L. Bertoldi	31-73		California District loan copy only	Evaluating pollution potential of land-based waste disposal, Santa Clara County, California—An application of
22-73	PB-232 792	2 /92	Index to water-quality data available from the U.S. Geological Survey in machine-			·	earth science for planning, by W.G. Hines
			readable form to December 31, 1972, Southeastern Region, by C.R. Showen and O.O. Williams	32-73	PB-224 563		Appraisal of the quality of ground water in the Helena Valley, Montana, by K.R. Wilke and D.L. Coffin
23-73	PB-232 922		Index to water-quality data available from the U.S. Geological Survey in machine-readable form to December	33-73	PB-240-331		Temperature and chemical data for selected thermal wells and springs in southeastern California, by W.R. Moyle, Jr.
			31, 1972, Central Region, by C.R. Showen and O.O. Williams	34-73	PB-225 173/4		Index of time-of-travel studies of the U.S. Geological Survey, by C.W. Boning
24-73	PB-232 794		Index to water-quality data available from the U.S. Geological Survey in machine-readable form to December 31, 1972, Western Region, by	36-73	ADA-006 608		Streamflow, sediment, and turbidity in the Mad River basin, Humboldt and Trinity Counties, California, by W.M. Brown, III
26-73	P B -232 791		C.R. Showen and O.O. Williams Index to U.S. Geological Sur-	37-73		California District inspection	Flood-prone areas in the San Francisco Bay region, Califor- nia, by J.T. Limerinos, K.W. Lee, and P.E. Lugo
			vey computer files containing daily values for water para- meters to September 30, 1971, Southeastern Region, by C.R. Showen and N.G. Stuthmann	38-73	PB-236 265	only	Evaporation from Lake Michie, North Carolina, 1961-71, by W.L. Yonts, G.L. Giese, and E.F. Hubbard

1973—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
39-73	PB-231 165		Sediment transport by streams in the upper Columbia River basin, Washington, May 1969-June 1971, by L.M. Nelson	50-73	PB-232 073		Hydrologic and geologic considerations for solid-waste disposal in west-central Florida, by J.W. Stewart and A.D. Duerr
40-73		California District official use	Base of fresh ground water, approximately 3,000 micromhos, in the Sacramento	51-73	PB-236 242		Estimated permeabilities for soils in the Sacramento Valley, California, by G.L. Bertoldi
		copies, loan copy available	Valley and Sacramento-San Joaquin Delta, California, by C.P. Berkstresser, Jr.	52-73	PB-232 966		Flood characteristics of Okla- homa streams: Techniques for calculating magnitude and fre-
41-73	PB-231 303		Digital simulation of the effects of urbanization on runoff in the upper Santa Ana				quency of floods in Oklahoma with compilations of flood data through 1971, by V.B. Sauer
			Valley, California, by T.J. Durbin	53-73	Superseded by Report 73-24	-	Ground water in the alluvium along the Green River between
42-73	PB-230 026		Flood profiles and inundated areas along the lower		from Books at Reports	-	its mouth and Woodbury, Kentucky, by P.D. Ryder
			Nisqually River, Washington, by J.E. Cummans	54-73	PB-232 763		Stratigraphy of an archeological site, Ocmulgee flood
43-73	PB-225 031/4		Flood of July 17, 1972, in Gallup, New Mexico, by L.A.				plain, Macon, Georgia, by O.J. Cosner
			Waite	55-73	PB-239 737		Selected hydrologic data, Sagehen Creek basin near
44-73	PB-222 948		Sources of data for evaluation of selected geothermal areas in northern and central Nevada,				Truckee, California, 1954–72, by R.G. Simpson
			by F.H. Olmsted, P.A. Glancy, J.R. Harrill, F.E. Rush, and A.S. Van Denburgh	56-73	PB-238 817		The effect of proposed deepening of the John F. Baldwin and Stockton ship channels on salt-
45-73	237 757		Base and thickness of the post- Eocene continental deposits in the Sacramento Valley, California, by R.W. Page				water intrusion, Suisun Bay and Sacramento-San Joaquin Delta areas, California, by J.P. Akers
46-73	PB-241 225		Feasibility of digital water- quality modeling illustrated by application at Barstow,	57-73	PB-233 988		Index of flood maps by U.S. Geological Survey through 1973, by P.H. Carrigan, Jr.
			California, by S.G. Robson	58-73	PB-241 433		Mathematical model of the San
47-73	PB-241 187		Erosion and sediment yields in mountain watersheds of the Transverse Ranges, Ventura				Juan Valley ground-water basin, San Benito County, California, by R.E. Faye
			and Los Angeles Counties, California: Analysis of rates and processes, by K.M. Scott	59-73	PB-229 617		Estimating low-flow frequency for perennial Missouri Ozarks streams, by John Skelton
48-73		California District loan copy	and R.P. Williams Geohydrologic map of southern California, by W.R. Moyle, Jr.	60-73	PB-230 188		Effects of urbanization on floods in the Dallas, Texas, metropolitan area, by G.R. Dempster, Jr.
	DD 444	only		61-73	PB-232 041		Water-resources data collect-
49-73	PB-232 962		Sediment discharge in the Trinity River basin, California, by J.M. Knott				ed in the Devils Hole area, Nevada, 1972-73, by J.D. Larson

1973—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
62-73 63-73	PB-231 765 PB-323 082		Flood profiles and inundated areas along the Skokomish River, Washington, by J.E. Cummans Digest of the 1972 catalog of	10-74	PB-246 723		Water quality in Rhode River at Smithsonian Institution Pier near Annapolis, Maryland, April 1970 through Decem- ber 1973, by R.L. Cory, J.M. Redding, and M.M.
			information on water data, by F.H. Pauszek	11.74	DD 224 092		McCullough
1974 1-74		Hawaii District official use	Hydrologic conditions related to subsurface and surface disposal of wastes in Hawaii,	11-74	PB-234 083		The effect of heated water on the temperature and evapora- tion of Hyco Lake, North Carolina, 1966-72, by W.L. Yonts and G.L. Giese
2-74	PB-239 163	copies	by K.J. Takasaki Simulated drawdown for selected well fields in the Ohio River alluvial aquifer, by H.F.	12-74	PB-235 269		The 1971 drought in south Florida and its effect on the hydrologic system, by M.A. Benson and R.A. Gardner
3-74	PB-232 708		Grubb A water-quality reconnaissance of Big Bear Lake, San Bernardino County, California, 1972–73, by G.A. Irwin	13-74	PB-235 065		Flood profiles and inundated areas along the White River, Chelan County, Washington, by John Savini, C.F. Schneid- er, and D.E. LaFrance
4-74		Massachusetts District, loan copy only	and Michael Lemons Availability of ground water in the Blackstone River area, Rhode Island and Mas-	14-74	PB-243 400		Water quality and streamflow characteristics, Raritan River basin, New Jersey, by P.W. Anderson and S.D. Faust
5-74	PB-237 633		sachusetts, by H.E. Johnston and D.C. Dickerman Evaluation of a proposed con- nector well, northeastern DeSoto County, Florida, by	16-74		Colorado District official use copies	Geohydrology of the Baca and southern Prowers Coun- ties, southeastern Colorado, by L.A. Hershey and E.R. Hampton
6-74	PB-232 801		C.B. Hutchinson and W.E. Wilson Movement and disposal of soluble materials in Salem	17-74	PB-241 844		Hydrologic analysis of the Mojave River, California, using a mathematical model, by T.J. Durbin and W.F. Hardt
			Creek, Muddy Creek, and Yadkin River between Winston-Salem and Salisbury, North Carolina, by K.L. Lindskov	18-74		Massachusetts District, loan copy only	in the Branch River basin, Providence County, Rhode Is- land, by H.E. Johnson and
7-74		Texas District inspection only	The quality of surface waters in Texas, by Jack Rawson	19-74	PB-239 716		D.C. Dickerman Limnological study of Lake Shastina, Siskiyou County, California by A.F. Dong
8-74	PB-236 149		Low-flow characteristics of streams in the Willapa Bay drainages, Washington, by				California, by A.E. Dong, K.W. Beatty, and R.C. Averett
0.74	DD 430 015		M.R. Collings and F.T. Hidaka	20-74	PB-240 740		Empirical data on logitudinal dispersion in rivers, by C.F. Nordin, Jr., and G.V. Sabol
9-74	PB-239 015		Seawater intrusion, ground- water pumpage, ground-water yield, and artifical recharge of the Pajaro Valley area, Santa Cruz and Monterey Counties, California, by K.S. Muir	21-74	PB-237 660		Land-surface subsidence in the area of Burnett, Scott, and Crystal Bays near Baytown, Texas, by R.K. Gabrysch and C.W. Bonnet

1974-Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
22-74	PB-235 148		Special techniques for determining chemical properties of geothermal water, by T.S. Presser and I.K. Barnes	32-74		Oregon State Office official use copies, loan copy available	Availability and quality of ground water in the Sutherlin area, Douglas County, Oregon, by J.H. Robison
23-74	PB-235 307		An approach to estimating flood frequency for urban areas in Oklahoma, by V.B. Sauer	33-74	PB-241 466		Evaluation of recharge potential near Indio, California, by J.A. Moreland
24-74	PB-239 697		Hydrologic- and salt-balance investigations utilizing digital models, lower San Luis Rey River area, San Diego County,	34-74	PB-241 541		Estimating streamflow characteristics for streams in Utah using selected channel-geometry parameters, by F.K. Fields
25-74	PB-239 724		California, by J.A. Moreland Lakes Marion-Moultrie stream system investigation: Part I, Model selection, calibration,	35-74	PB-239 831		A method for estimating magnitude and frequency of floods in South Dakota, by L.D. Becker
26.74	nn 220 777		and error analysis, by H.H. Jeffcoat, M.E. Jennings, and J.B. Peterson	36-74	PB-239 014		Chemical and biological quality of Lake Dice at Eustis, Florida, with emphasis on the effects of storm runoff, by
26-74	PB-238 777		Flood-hazard study: 100-year flood stage for Baldwin Lake, San Bernardino County, California, by J.J. French and M.W. Busby	37-74	PB-237 950		A.G. Lamonds A method for the relative classification of lakes in the State of Washington from recon-
27-74		Oklahoma District official use	Flood of October 1973 in Enid and vicinity, north-central Oklahoma, by R.H. Bingham,	20.54	PP 400 404		naisance data, by G.C. Bortleson, N.P. Dion, and J.B. McConnell
28-74	PB-239 796	copies	D.L. Bergman, and W.O. Thomas, Jr. Evaluation of the causes of le-	38-74	PB-238 185		Characteristics of streamflow and ground-water conditions in Boise River valley, Idaho, by C.A. Thomas and N.P. Dion
			vee erosion in the Sacramento- San Joaquin Delta, California, by J.T. Limerinos and Winchell Smith	39-74		Office, inspec-	Availability of ground-water in the Saco River basin, east- central New Hampshire, by J.E. Cotton
74-29	ADA-005 085		Preconstruction assessment of biological quality of the Chena and Little Chena Rivers in the vicinity of the Chena Lakes			tion only, or Massachusetts District, in- spection only	
			Flood Control Project near Fairbanks, Alaska, by G.A. McCoy	40-74	PB-243 412		Estimate of sediment discharges, Santa Ana River at Santa Ana and Santa Maria River at Guadalupe, Califor-
30-74		North Dakota District official use copies	Predictive modeling of effects of the planned Kindred Lake on ground-water levels and discharge, southeastern North Dakota, by J.S. Downey and Q.F. Paulson	41-74	PB 239-018		nia, by C.G. Kroll Application of statistical techniques to the estimation of ground-water withdrawals in northwestern Kansas, by W.M. Kastner
31-74	PB-242 429		Oak Glen water-resources development study using modeling techniques, San Ber- nardino County, California, by W.R. Powers, III, and W.F. Hardt	42-74	PB-243 749		Water resources of the Top- penish Creek basin, Yakima Indian Reservation, Washing- ton, by U.S. Geological Survey

1974—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
43-74	PB-242 252		Salt-balance study of Pauba Valley, upper Santa Margari- ta River area, Riverside County, California, by J.W.	3-75	PB-243 226		Hydrologic analysis of the valley-fill aquifer, North Platte River valley, Goshen County, Wyoming, by M.A. Crist
44-74		Louisiana District inspection only	Warner Floods in east Baton Rouge Parish and adjacent areas for the period 1953-74, by A.S. Lowe	4-75		Kentucky District official use copies, loan copy available	Ground water in the alluvium of the Cumberland River between Barkley Dam and the Ohio River at Smithland, Kentucky, by P.D. Ryder
45-74		Wisconsin District official use copies	Low-flow characteristics of Wisconsin streams at sewage-treatment plants, by W.A. Gebert and B.K. Holmstrom	5-75	ADA-012 347		Distribution of nitrogen and phosphorus in the conservation areas in south Florida from July 1972 to June 1973, by B.G. Waller
46-74		North Caroli- na District official use copies, loan copy available	Evaluation of reservoir sites in North Carolina, by F.E. Arteaga and E.F. Hubbard	6-75	PB-242 770		Occurrence of pesticide residues in four streams draining different land-use areas in Pennsylvania, by J.F. Truhlar and L.A. Reed
47-74	PB-243 466		Problems related to water quality and algal control in Lopez Reservoir, San Luis Obispo County, California, by R.H. Fuller, R.E. Averett, and W.G. Hines	7-75	PB-243 387		Hydrologic evaluation of the Haystack Butte area with em- phasis on possible discharge of Class-I wastes, Edwards Air Force Base, California, by J.L. Hughes
48-74	PB-241 860		Index to maps of flood-prone areas in Indiana, prepared by the U.S. Geological Survey, by W.G. Weist, Jr.	8-75	PB-244 782		Ground-water quality in Indian Wells Valley, California, by J.W. Warner
49-74	PB-242 238		Hydraulic characteristics and water-supply potential of the aquifers in the vicinity of the	9-75	PB-243 642		Hydrology of the Albemarle-Pamlico region, North Carolina, by R.C. Heath
			wastewater treatment plant, South Bend, Indiana, by J.R. Marie	10-75	PB-243 739		A river-quality assessment of the upper White River, Indiana, by W.J. Shampine
50-74	PB-241 493		Stream reconnaissance for nutrients and other water- quality parameters, greater Pittsburgh region, Pennsylva- nia, by R.M. Beall	11-75	PB-244 783		Flood-hazard study: 100-year flood stage for Apple Valley Dry Lake, San Bernardino County, California, by M.W. Busby
51-74	PB-243 410		A predictive computer model of the Lower Cretaceous aquif- er, Franklin area, southeastern	12-75	PB-244 784		Satellite relay and processing of hydrologic data in south Florida, by E.T. Wimberly
1975			Virginia, by O.J. Cosner	13-75	PB-246 298		Drainage areas for Illinois streams, by K.M. Ogata
1-75		Georgia District, of- fical use copies	Digital model analysis of the principal artesian aquifer, Glynn County, Georgia, by R.E. Krause and H.B. Counts	14-75	PB-245 618		A water-quality assessment of the Indiana Dunes National Lakeshore, 1973-74, by L.D. Arihood
2-75	PB-242 801		Formation factors and their use in estimating water quality in Mississippi aquifers, by Roy Newcome, Jr.	15-75	PB-245 589		Artificial recharge in the upper Santa Ana River area, San Bernardino County, California, by D.H. Schaefer and J.W. Warner

1975—Continued

		USGS				USGS	
WRIR#	NTIS #	availability	Title, author	WRIR#	NTIS #	availability	Title, author
16-75	PB-248 848		Evaluation of data availability and examples of modeling for ground-water management on Cape Cod, Massachu-	75-27	PB-250 979		Land subsidence caused by dissolution of salt near four oil and gas wells in central Kansas, by S.W. Fader
			setts, by A.W. Burn, M.H. Frimpter, and R.E. Willey	28-75	ADA-021 586		Aquifer test in the Summit Reach of the proposed Cross-
17-75	PB-245 626		Hydrology of the Lake Wingra basin, Dane County, Wisconsin, by E.L. Oakes, G.E. Hendrickson, and E.E. Zuehls				Florida Barge Canal near Ocala, Florida, by C.H. Tibbals
18-75	PB-247 997		Digital model simulation of the glacial-outwash aquifer at Dayton, Ohio, by R.E. Fidler	29-75	PB-247 289		Ground-water resources of American Samoa with empha- sis on Tafuna-Leone Plain, Tutuila Island, by C.B. Bentley
19-75	PB-248 480		Magnitude and frequency of floods in small drainage areas in North Dakota, by O.A. Crosby	30-75	PB-245 190		Optimizing information transfer in a stream gaging network, by P.H. Carrigan, Jr., and H.G. Golden
20-75	PB-248 926		Bibliography of United States Geological Survey reports on the geology and water resources of Texas, 1887– 1974, by C.D. Friebele	31-75		Florida District inspection only	Flood-prone areas of Gadsden County, Florida, by R.P. Rumenik, C.A. Pascale, and D.F. Rucker
21-75	PB-246 717		Hydrology of Malheur Lake, Harney County, southeastern Oregon, by L.L. Hubbard	75-32	PB-248 337		Scour at selected bridge sites in Alaska, by V.W. Norman
22-75		Hampshire- Vermont State Office, official	nt State northern New Hampshire, by official J.E. Cotton	75-34	PB-251 116		Floods in New York, 1972, with special reference to tropical storm Agnes, by F.L. Robison
		use copies, loan copy available, or Massachusetts District, inspec tion copy only	-	75-35		Indiana District official use copies, loan copy available	Statistical summaries of Indiana streamflow data, by R.G. Horner
23-75	PB-246 565		Ground water for irrigation in the Viking basin, west-central Minnesota, by M.S. McBride	75-36	ADA-O27 213		Flood hydrology of Butte Basin, 1973 and 1974 water years, Sacramento Valley, California: A progress report,
24-75	PB-236 951		Water and the South Florida environment, by Howard				by R.G. Simpson
			Klein, J.T. Armbruster, B.F. McPherson, and H.J. Freiberger	75-37	PB-251 111		Distribution and movement of zinc and other heavy metals in south San Francisco Bay,
25-75		Oklahoma District official use copies	Geohydrology of the Oklahoma panhandle, Beaver, Cimarron, and Texas Counties, by D.L. Hart, Jr., G.L. Hoffman, and R.L. Goemaat	75-38	PB-250 972		California, by W.L. Bradford Hydrologic characteristics of lagoons at San Juan, Puerto Rico, during a January 1974 tidal cycle, by S.R. Ellis and
26-75	ADA-O23 721		Sediment transport, turbidity, channel configuration, and possible effects of impoundment of the Mad River, Humboldt County, California, by W.M. Brown, III	75-39	PB-251 995		Fernando Gomez-Gomez Macroscopic benthic fauna of three tidal creeks adjoining the Rhode River, Maryland, by J.M. Redding and R. L. Cory

1975—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
75-40	PB-255 070		Digital models of a glacial out- wash aquifer in the Pearl-Sallie Lakes area, west-central Min- nesota, by S.P. Larson, M.S. McBride, and R.J. Wolf	50-75		Florida District inspection only	Potentiometric surface and water quality of the Floridan aquifer in southwest Hillsborough County, Florida, 1952-74, by A.D. Duerr
41-75	PB-264 414		Ground water in the San Juan metropolitan area, Puerto Rico, by H.R. Anderson	51-75	PB-249 106		Flood of June 21, 1975, in Mercer County, New Jersey, by S.J. Stankowski, R.D. Schopp, and A.J. Velnich
75-42	PB-260 769		Water resources of the north coast limestone area, Puerto Rico, by E.V. Giusti and G.D. Bennett	52-75		Florida District inspection only	Depth to water table, recharge areas, drainage basins, and relief of Duval County, Florida, by L.V. Causey
75-43	PB-250 937		Perspective on use of fresh water for cooling systems of thermoelectric power plants in Florida, by G.H. Hughes	53-75		New Hampshire- Vermont State	Availability of ground water in the upper Connecticut River basin, northern New Hamp-
44-75	ADA-O23 722		Water quality in the Mad River basin, Humboldt and Trinity Counties, California, by R.H. Fuller			Office, official use copies, loan copy available	shire, by J.E. Cotton
45-75	PB-250 938		Chemical characteristics of the lower Kissimmee River, Florida, with emphasis on nitrogen	75-54	ADA-O22 059		Measurement and prediction of sediment yields in Wiscon- sin, by S.M. Hindall
46-75		Mississippi	and phosphorus, by A.G. Lamonds The Miocene aquifer system	55-75		Florida District inspection	Hydrologic environmental effects of sprayed sewage effluent, Tallahassee, Florida,
		District inspection only	in Mississippi, by Roy Newcome, Jr.	75-56	ADA-028 795	only	by L.J. Slack Chemical and biological quality of water in a part of
47-75		New Hampshire- Vermont State	Availability of ground water in the Pemigewasset and Win- nipesaukee River basins,				the Everglades, southeastern Florida, by B.G. Waller and J.E. Earle
		Office, inspec- tion only, or Massachusetts District in- spection only	central New Hampshire, by J.E. Cotton	75-57	PB-252 324		Hydrologic effects of storms of June 24–28, 1974, in Lee and Collier Counties, Florida, by R.A. Miller and M.A. Benson
75-48	PB-251 517		Preliminary report on water availability in the lower Ship Creek basin, Anchorage, Alas- ka, with special reference to the fish hatchery on Fort Richardson and a proposed	75-58	PB-253 015		Digital model for simulated effects of ground-water pumping in the Hueco Bolson, El Paso area, Texas, New Mexico, and Mexico, by W.R. Meyer
			fish-hatchery site near the Elmendorf Air Force Base powerplant, by G.W. Freethey	75-59	PB-253 751		Simulation of dissolved oxygen and biochemical oxygen demand, Plantation Canal,
75-49	PB-251 109		Erosion and sediment transport in the Owens River near Bishop, California, by R.P. Williams				Broward County, Florida, with an evaluation of the QUAL-I model for use in south Florida, by T.N. Russo and R.S. McQuivey

1975—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
75-61	PB-251 668		MIX 2: A computer program for modeling chemical reactions in natural waters, by L.N. Plummer, D.L. Parkhurst, and D.R. Kosiur	8-76		Wyoming District, loan copy only	Digital model to predict effects of pumping from the Arikaree aquifer in the Dwyer area, southeastern Wyoming, by G.C. Lines
60-75		Mississippi District, loan copy only	The lower Wilcox aquifer in Mississippi, by E.H. Boswell	76-9	PB-251 934		A technique for estimating the time of travel of water in Indiana streams, by S.E. Eikenberry and L.G. Davis
62-75		Pacific North- west District official use copies	Evaluation of ground-water contamination from cleaning explosive-projectile casings at the Bangor Annex, Kitsap County, Washington, Phase II,	76-10	PB-252 834		Geohydrology of the Anza- Terwilliger area, Riverside County, California, by W.R. Moyle, Jr.
63-75		Denver, Colorado, Library, in- spection only	by J.V. Tracy and N.P. Dion Preliminary digital model of ground-water flow in the Madison Group, Powder River basin and adjacent areas,	76-11	PB-255 713		Lakes Marion-Moultrie stream system investigation: Part II—Simulation studies, by H.H. Jeffcoat, M.E. Jennings, D.L. Collins, and J.O. Shearman
1976			Wyoming, Montana, South Dakota, North Dakota, and Nebraska, by L.F. Konikow	76-12	PB-252 242		Results of infiltration tests near Scott City, western Kansas, by J.G. Gillespie and G.D. Hargadine
76-1	PB-254 507		Construction and testing of two waste-injection monitor wells in northwest Florida, by C.A. Pascale	76-13	PB-261 027 PB-84 199 314 See also: WATEQ—PB-2 Catalog; WATI	20 464 in 1973	puter program for calculating chemical equilibrium of natural waters, by L.N. Plummer, B.F. Jones, and
76-2	PB-253 310		Techniques for estimating flood depth for Oklahoma streams, by W.O. Thomas, Jr.		116) PB-80 22- Catalog; WAT: 1183; WATEQ	EQ3—OF 81-	
76-3	PB-259 517		Water supply and waste disposal, Culebra, Puerto Rico, by D.G. Jordan and B.K. Gilbert	76-14	PB-253 414		Variation in concentration of selected water-quality consti- tuents in the Sacramento River at Bend Bridge, California, by L.J. Britton and R.C. Averett
4-76	PB-264 513		Summary of some current and possible future environmental problems related to geology and hydrology at Memphis, Tennessee, by W.S. Parks and R.W. Lounsbury	76-15		Florida District, in- spection only	Dissolved solids, hardness, and orthophosphate of surface water runoff in the Suwannee River Water Management District, Florida, by J.E. Earle
76-5	PB-253 744		Water-quality investigation, Eel River, California, by G.A. Irwin	76-16		Florida District, in- spection only	Dissolved solids, hardness, and orthophosphate of surface water runoff in the Northwest Florida Water Management
76-6	PB-250 365		Water-resources reconnais- sance of St. George Island, Pribilof Islands, Alaska, by G.S. Anderson	76-17	PB-254 411		District, by J.E. Earle Magnitude and frequency of floods in North Carolina, technique for estimating the
76-7		Mississippi District inspection only	The Sparta aquifer system in Mississippi, by Roy Newcome, Jr.				nique for estimating the magnitude and frequency of floods in natural streams in North Carolina, by N.M. Jackson, Jr.

1976—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-18		New Hampshire- Vermont State Office official use copies, loan	Availability of ground water in the middle Connecticut River basin, west-central New Hampshire, by J.E. Cotton	76-28	ADA-O25 593		Analysis of selected benthic communities in the Florida Everglades with reference to their physical and chemical en- vironment, by B.G. Waller
		copy available		76-29	ADA-O28 796		Nitrogen and phosphorus up-
76-19	PB-255 225		Sediment discharge from high- way cut-slopes in the Lake Tahoe basin, California, 1972-74, by C.G. Kroll				take in the Everglades conservation areas, Florida, with special reference to the effects of backpumping runoff, by B.F. McPherson, B.G. Waller, and H.C. Mattraw
76-20	PB-253 408		Recycling ground water in Waushara County, Wisconsin: Resource management for cold-water fish hatcheries, by R.P. Novitzki	76-30	ADA-O28 020		Occurrence of arsenic in the Dry Creek basin, Sonoma County, California, by R.F. Middelburg
76-21	PB-254 393		The shallow aquifer: A prime freshwater resource in eastern Palm Beach County, Florida, by H.G. Rodis and L.F. Land	76-31	ADA-035 621		Land-surface subsidence at Seabrook, Texas, By R.K. Gabrysch and C.W. Bonnet
76-22		Alaska District, inspection only	Geohydrology of the low- land lakes area, Anchorage, Alaska, by Chester Zenone	76-32	ADA-035 620		Land-surface subsidence in the area of Moses Lake near Texas City, Texas, by R.K. Gabrysch and C.W. Bonnet
76-23		Florida District inspection only	Proposed Cross-Florida Barge Canal: Water-quality aspects with a section on waste assim- ilative capacity, by A.G. Lamonds, with a section by M.L. Merritt	76-33		Arizona District, official use copies, loan copy available	Maps showing ground-water conditions in the Harquahala Plains area, Maricopa and Yuma Counties, Arizona, 1975, by E.E. Denis
76-24	PB-251 690		Preliminary evaluation of the ground-water data network in Indiana, by J.R. Marie	76-34		Arizona Dis- trict, inspec- tion copy, loan copy	Maps showing ground-water conditions in the Ranegras Plain and Butler Valley areas, Yuma County, Arizona, 1975,
76-25	PB-254 028		Geohydrology of the Oklahoma Panhandle, Beaver, Cimar-			available	by D.W. Wilkins and W.C. Webb
	AVD.		ron, and Texas Counties, by D.L. Hart, Jr., G.L. Hoffman, and R.L. Goemaat	76-35		Arizona District, official use copies,	Maps showing ground-water conditions in the lower Hassayampa area, Maricopa
	AND	New Jersey	Computer simulation model			loan copy available	County, Arizona, 1975, by R.S. Stulik and R.L. Laney
		District, loan copy only	of the Pleistocene valley- fill aquifer in southwestern Essex and southeastern Mor- ris Counties, New Jersey, by Harold Meisler	76-36	PB-256 856		Sources of arsenic in streams tributary to Lake Crowley, California, by L.A. Eccles
76-26		Oregon State Office, in- spection only	Water resources of the Warm Springs Indian Reservation, Oregon, by J.H. Robison and Antonius Laenen	76-38		Puerto Rico District inspection only	History of dredging and filling of lagoons in the San Juan area, Puerto Rico, by S. R. Ellis
76-27		Colorado District official use copies	Operation and maintenance of a deep-well measurement device, the "Iron Horse," by J.E. Weir, Jr., and J.W. Nelson	76-39		New Hampshire- Vermont State Office, inspec- tion only	

1976—Continued

							,
WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-40	Superseded by Report 80-768, a Books and Open	vailable from	Water-resources data for deep aquifers of eastern Montana, by W.B. Hopkins	76-50	PB-273 109		Time of travel of solutes in selected reaches of the Sandusky River basin, Ohio, 1972–1973, by A.O. Westfall
76-41	PB-265 602		Guide for data collection to calibrate a predictive digital ground-water model of the unconfirmed aquifer in and near the city of Modesto, California, by R.W. Page	76-51	PB-255 455		Technical manual for estimating low-flow frequency characteristics of streams in the Susquehanna River basin, by J.T. Armbruster
76-42		California District, in- spection only	Erosional landform map of the Redwood Creek basin, Humboldt County, California, 1947-1974, by K.M. Nolan, D.R. Harden, and S.M. Colman	76-52	PB-256 521		Analysis of historical water- quality data and description of plan for a sampling network in central and southern Florida, by D.A. Goolsby, H.C. Mattraw, Jr., A.G. Lamonds, D.V. Maddy, and J. Rollo
76-43		Kentucky District, loan copy, few copies avail- able	Hydrology of the Princeton area, Kentucky, by R.O. Plebuch	76-53	PB-258 560		Waterlogging in an alluvial aquifer near Lake Minnequa, Pueblo, Colorado, by P.J. Emmons
76-44	PB-260 519		Distribution and trend of nitrate, chloride, and total solids in water in the Magothy aquifer in southeast Nassau County, New York, from the	76-54		Florida District, in- spection only	Flood-prone areas of the con- solidated city of Jacksonville, Duval County, Florida, by R.B. Stone, L.V. Causey, and D.F. Tucker
76-45	PB-259 414		1950's through 1973, by H.F.H. Ku and D.J. Sulam High-resolution seismic reflec- tion profiling for mapping shallow aquifers in Lee County, Florida, by T.M. Missimer and R.A. Gardner	76-55	PB-256 408		Annotated bibliography of the lakes, ponds, and reservoirs of New York State through 1974 (exclusive of Lakes Erie and Ontario), by P.E. Greeson, G.K. Schultz, and P.A. Vopelak
76-46	PB-255 224		Availability of ground water near Carmel, Hamilton, and Marion Counties, Indiana, by D.C. Gillies	76-56	PB-256 522		Ground-water quality in the Davie landfill, Broward County, Florida, by H.C. Mattraw, Jr.
76-47	PB-253 752		Probable effects of increasing pumpage from the Schofield ground-water body, Island of Oahu, Hawaii, by R.H. Dale and K.J. Takasaki	76-57	ADA-O27 387		Preimpoundment water quality of Raystown Branch Juniata River and six tributary streams, south-central Penn- sylvania, by D.R. Williams
76-48	PB-254 989		Thermal loading of Hyco Lake, North Carolina: The effect of heated water on tem- perature and evaporation,	76-58	PB-264 768		Water resources of the Myakka River basin area, southwest Florida, by B.F. Joyner and H. Sutcliffe, Jr.
76-49	PB-267 561		1966-74, by G.L. Giese Heavy metal discharges into Shasta Lake and Keswick Reservoirs in the upper Sacramento River, California:	76-59		Arizona Dis- trict, official use copies, loan copy available	Annual summary of ground- water conditions in Arizona, spring 1974 to spring 1975, by H.M. Babcock
			A reconnaissance during low flow, by D.K. Nordstrom, E.A. Jenne, and R.C. Averett	76-60	PB-258 496		Ground-water resources of Wilson County, North Carolina, by M.D. Winner, Jr.

1976—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-61	PB-256 903 PB-256 902 ma	ignetic tape	A model for calculating effects of liquid waste disposal in deep saline aquifers, Part 1— Development, Part 2—Docu-	76-71	PB-263 659		Mathematical model of the West Bolsa ground-water basin, San Benito County, California, by R.E. Faye
			mentation, by INTERCOMP Resource Development and Engineering, Inc.	76-72	PB-257 775		Hydrology of Lake County, Florida, by D.D. Knochenmus and G.H. Hughes
76-62	PB-263 762		Technique for estimating mag- nitude and frequency of floods in Kentucky, by C.H. Hannum	76-73		New Jersey District, loan copy only	Geology and ground-water resources of Union County, New Jersey, by Bronius
76-63	PB-255 909		Digital-model analysis to predict water levels in a well field near Columbus, Indiana, by Michael Planert	76-74		New Jersey District, loan copy only	Nemickas Appraisal of water resources of the Hackensack River basin, New Jersey, by L.D. Carswell
76-64	PB-256 422		Sediment discharge in the Upper Arroyo Grande and Santa Rita Creek basins, San Luis Obispo County, Califor- nia, by J.M. Knott	76-75		New Jersey District, loan copy only	Summary of geology and ground-water resources of Passaic County, New Jersey, by L.D. Carswell and J.G. Rooney
76-65	PB-263 916		Hydrologic relations between lakes and aquifers in a recharge area near Orlando, Florida, by W.F. Lichtler, G.H. Hughes, and F.L. Pfiscner	76-76	Superseded by Vavailable from B File Reports		Geology and ground-water resources of Camden Coun- ty, New Jersey, by G.M. Farlekas, Bronius Nemickas, and H.E. Gill
76-66	ADA-029 315		Preliminary results of preimpoundment water-quality studies in the Tioga River basin, Pennsylvania and New York, by J.R. Ward	76-77		Wyoming District, official use copies	Hydrologic effects of hypothetical earthquake-caused floods below Jackson Lake, northwestern Wyoming, by W.R. Glass, T.N. Keefer, and J.G. Rankl
76-67	PB-264 778		Historic water-level changes and pumpage from the prin- cipal aquifers of the Memphis area, Tennessee: 1886-1975, text, tables, and illustrations indicating historic ground- water use and results, by J.H. Criner and W.S. Parks	76-78		Arizona District, inspection copy, loan copy available	Maps showing ground-water conditions in the lower Big Chino Valley and Williamson Valley areas, Yavapai and Coconino Counties, Arizona, 1975–76, by B.L. Wallace and R.L. Laney
76-68	PB-270 360		Ground water in the Lajas Valley, Puerto Rico, by H.R. Anderson	76-79		Mississippi District, in- spection only	The Meridian-upper Wilcox aquifer in Mississippi, by E.H. Boswell
76-69 76-70		Colorado District official use copies	Availability and chemical characteristics of ground water in central La Plata County, Colorado, by R.E. Brogden and T.F. Giles	76-80		Florida District inspection only	Potentiometric surface of Floridan aquifer, May 1975, and change of potentiometric surface, 1969-75, Southwest Florida Management District and adjacent areas, by L.R.
76-70		Colorado District official use copies	Availability and chemical characteristics of ground water in the Crystal River and Cattle Creek drainage basins near Glenwood Springs, west-central Colorado, by R.E. Brogden and T.F. Giles	76-81		Arizona District, official use copies, loan copy available	Mills and C.P. Laughlin Maps showing ground-water conditions in the San Bernar- dino Valley area, Cochise County, Arizona, 1975, by R.P. Wilson

1976—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-82	PB-255 908		Model analysis of effects of water levels at Indiana Dunes National Lakeshore caused by construction dewatering, by J.R. Marie	76-92	PB-263 430		Chemical quality of ground water in the Tehama-Colusa Canal service area, Sacramen- to Valley, California, by G.L. Bertoldi
76-83		Virginia State Office, offi- cial use copies	Measured and simulated ground-water levels in the Franklin area, southeastern Virginia, 1973-74, by O.J. Cosner	76-93	PB-264 825		Analog-model simulations for secondary canal controls and forward pumping water-management schemes in southeast Florida, by E.H. Cordes and R.A. Gardner
76-84	PB-257 270		Limnological survey of Sacony Creek basin, Berks County, Pennsylvania, by J.L. Barker and K.P. Kulp	76-94	PB-262 377		Graphic and analytical methods for assessment of streamwater quality—Mississippi River in the Minneapolis-St. Paul metropolitan area,
76-85 76-86	PB-292 413	Kentucky Dis-	Hydrology of lakes in the Minneapolis-St. Paul metro- politan area, by M.S. McBride Water temperatures of				Minnesota, by S.P. Larson, W.B. Mann IV, T.D. Steele, and R.H. Susag (Twin Cities Metropolitan Waste Control
		trict, loan copy, few copies avail- able	Kentucky streams, by J.S. Zogorski and J.L. Kiesler, Jr.	76-95	PB-261 190		Commission) Basement flooding and foundation damage from watertable rise in the east New York
76-87		Illinois District, official use copies,	Index to water-resources data for Illinois, by D.E. Winget				section of Brooklyn, Long Island, New York, by Julian Soren
		loan copy available		76-96	PB-265 296		Recreation-coefficient meas- urements of ten small streams in Wisconsin using radioactive
76-88		Idaho District official use copies	Flood characteristics of streams in Owyhee County, Idaho, by H.C. Riggs and W.A. Harenberg				tracers, with a section on energy-dissipation model, by R.S. Grant
76-89		Arizona Dis- trict, inspec-	Maps showing ground-water conditions in the San Simon	76-97		Florida Dis- trict, inspec- tion only	Availability of ground water in Seminole County and vicinity, Florida, by C.H. Tibbals
		tion copy, loan copy available	area, Cochise and Graham Counties, Arizona, and Hidal- go County, New Mexico, 1975, by R.P. Wilson and N.D. White	76-98	PB-270 556		Availability of water in the Floridan aquifer in southern Duval and northern Clay and St. Johns Counties, Florida, by R.W. Fairchild
76-90		Oregon State Office, offi- cial use copies, loan copy avail- able	Water resources of Lincoln County coastal area, Oregon, by F.J. Frank and Antonius Laenen	76-99	PB-260 520		Effects of off-road vehicle use on the hydrology and land- scape of arid environments in central and southern Califor- nia, by C.T. Snyder, D.G. Frickel, R.F. Hadley, and R.F. Miller
76-91		Puerto Rico District, loan copy only	Floods of November 12, 1974, in the Charlotte Amalie area, St. Thomas, U.S. Virgin Islands, by W.J. Haire and K.G. Johnson	76-100		Minnesota District, in- spection only	Buried aquifers in the Brooten- Belgrade and Lake Emily areas, west-central Minnesota: Factors related to developing water for irrigation, by R.J. Wolf

1976—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-101	PB-262 471		Water levels in artesian and nonartesian aquifers of Florida, 1973-74, by H.G.	76-112	PB-264 224		Techniques for estimating flow characteristics of Wyoming streams, by H.W. Lowham
76-102	PB-263 572		Healy Estimating runoff volumes and flood hydrographs in the Colorado River basin, southern Utah, by J.H.	76-113		Kentucky Dis- trict, official use copies, loan copy available	Ground-water resources of the Lexington, Kentucky, area, by R.J. Faust
76-103	PB-262 376		Eychaner Reconnaissance water sampling for radium-226 in central and northern Florida, December 1974–March 1976,	76-114	PB-265 323		Evaporation from seven re- servoirs in the Denver water- supply system, central Colo- rado, by J.F. Ficke, D.B. Adams, and T.W. Danielson
76-104		Arizona Dis-	by G.A. Irwin and C.B. Hutchinson Maps showing ground-water	76-115	PB-271 275		Water resources of the Maunabo Valley, Puerto Rico, by D.G. Adolphson, M.A.
		trict, inspec- tion copy, loan copy available	conditions in the Concho, St. Johns, and White Moun- tains area, Apache and Navajo Counties, Arizona, 1975, by R.W. Harper and T.W. Anderson	76-116	PB-265 353		Seijo, and T.M. Robison Simulation of streamflow of Flambeau River at Park Falls, Wisconsin, to define low-flow characteristics, by W.R. Krug
76-105		Oregon State Office, offi- cial use	Availability and quality of ground water in the Drain-Yoncalla area, Douglas	76-117	PB-267 573		Distribution of nitrate in ground water, Redlands, California, by L.A. Eccles and W.L. Bradford
76-106		copies, loan copy available Tennessee	County, Oregon, by J.H. Robison and C.A. Collins Mapping and measuring land-	76-118		Wyoming District, offi- cial use copies	Geohydrology of the Albin and LaGrange areas, southeastern Wyoming, by W.B. Borchert
		District, in- spection only	cover characteristics of New River basin, Tennessee, using Landsat digital tapes, by E.F. Hollyday and S.P. Sauer	76-119	PB-268 292		Hydraulic conductivity and water quality of the shallow aquifer, Palm Beach County, Florida, by W.B. Scott
76-107		Arizona District, official use copies, loan copy available	Map showing ground-water conditions in the Aravaipa Valley area, Graham and Pinal Counties, Arizona, 1975, by J.A. Gould and R.P. Wilson	76-120	PB-266 566		Application of the U.S. Geological Survey rainfall-runoff simulation model to improve flood-frequency estimates on small Tennessee streams, by H.C. Wibben
76-108	PB-268 290		Effects on ground-water quality from irrigating pasture with sewage effluent near Lakeland, Florida, by R.C. Reichenbaugh	76-121	PB-266 654		Effects of urbanization on flood characteristics in Nashville, Davidson County, Tennessee, by H.C. Wibben
76-109	PB-260 842		Magnitude and frequency of floods in Nebraska, by E.W. Beckman	76-122		Alaska Dis- trict, official use copies	Limnological investigation of six lakes in southeast Alaska, by G.A. McCoy, W.W.
76-110	PB-262 375		Water-quality investigation, Salinas River, California, by G.A. Irwin	76-123		New Jersey District, loan	Wiggins, and A.E. Schmidt Geology of the Englishtown Formation in the northern
76-111	PB-263 616		Sediment discharge from an area of highway construction, Applemans Run basin, Columbia County, Pennsyvlania, by D.A. Eckhardt	76-124		Florida District, inspection only	coastal plain of New Jersey, by W.D. Nichols A hydrologic description of Keystone Lake near Tampa, Florida, by R.C. Reichenbaugh

1976—Continued

1977

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
76-125		Mississippi District, loan copy only	Water use in Mississippi, 1975, by J.A. Callahan	77-1		Florida Dis- trict, inspec- tion only	Potentiometric surface of the Floridan aquifer in the Suwannee River Water Management
76-126		Menlo Park, California, Library, in-	Backflushing filters for field processing of water samples for trace-element analyses, by	77.0		Florido Dio	District, north Florida, May 1976, by D.W. Fisk and J.C. Rosenau
		spection only	V.C. Kennedy, E.A. Jenne, and J.M. Burchard	77-2		Florida Dis- trict, inspec- tion only	Potentiometric surface of the Floridan aquifer in the North- west Florida Water Manage-
76-127		Menlo Park, California, Library, in- spection only	Hydrologic reconnaissance of the geothermal area near Klamath Falls, Oregon, by E.A. Sammel, with a section			·	ment District, May 1976, by J.C. Rosenau and P.E. Meadows
			on preliminary interpretation of geophysical data, by D.L. Peterson	77-3		Oregon State Office, inspec- tion only	Water resources of the Umatilla Indiana Reserva- tion, Oregon, by J.B. Gonthier and D.D. Harris
76-128	PB-271 512		Evaluation of ground-water quality in the Santa Maria Valley, California, by J.L. Hughes	77-4		Colorado District, official use copies	Reconnaissance of ground- water resources in the Yampa River basin between Craig and
76-129	PB-266 418		Computation of backwater and discharge at width constrictions of heavily vegetated flood				Steamboat Springs, Moffat and Routt Counties, Colorado, by R.E. Brogden and T.F. Giles
			plains, by V.R. Schneider, J.W. Board, B.E. Colson, F.N. Lee, Leroy Druffel	77-5		Arizona Dis- trict, inspec- tion copy,	Maps showing ground-water conditions in the Puerco-Zuni area, Apache and Navajo
76-130	PB-271 527		Water related problems in coal-mine areas of Alabama,			loan copy available	Counties, Arizona, 1975, by L.J. Mann
			by A.L. Knight and J.G. Newton	77-6	PB-265 346		Indiana stream-temperature characteristics, by W.J. Shampine
76-131	PB-266 304		Hydrologic considerations in dewatering and refilling Lake Carlton, Orange and Lake Counties, Florida, by Warren Anderson and G.H. Hughes	77-7		Colorado District, official use copies	Ground-water resources of the alluvial aquifers in north-eastern Larimer County, Colorado, by R.T. Hurr and P.A. Schneider, Jr.
76-132	PB-269 294		Ground-water quality near a sewage-sludge recycling site and a landfill near Denver, Colorado, by S.G. Robson	77-8	PB-266 666 Also PB-273 47	6	Computations of records of streamflow at control structures, by D.L. Collins
76-133		Georgia Dis- trict, official use copies	Digital model analysis of the principal artesian aquifer, Savannah, Georgia, area, by	77-9	PB-273 042		Water resources of Okaloosa County and adjacent areas, Florida, by Henry Trapp, Jr., C.A. Pascale, and J.B. Foster
76-134		Mississippi District, offi- cial use copies	H.B. Counts and R.E. Krause The Eutaw-McShan aquifer in Mississippi, by E.H. Boswell	77-10		Arizona District, inspection copy, loan copy available	Annual summary of ground- water conditions in Arizona, spring 1975 to spring 1976, by H.M. Babcock
76-135		Florida District, inspection only	Saltwater intrusion in the shallow aquifer in Martin and Palm Beach Counties, Florida, by W.B. Scott, L.F. Land, and H.G. Rodis	77-11	PB-271 330		Artificial-recharge tests in upper Black Squirrel Creek basin, Jimmy Camp Valley and Fountain Valley, El Paso County, Colorado, by P.J. Emmons

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-12	PB-268 981		Flow routing in the Susque- hanna River basin: Part I, Effects of Raystown Lake on the low-flow frequency characteristics of the Juniata	77-23	PB-273 187		Time of travel of solutes in the Tuscarawas River basin, Ohio, August and September 1974, by A.O. Westfall and E.E. Webber
77.12	DD 270 052		and lower Susquehanna Rivers, Pennsylvania, by J.T. Armbruster	77-24	77-24 PB-270 621		Theoretical drawdown due to simulated pumpage from the Ohio River alluvial aquifer
77-13	PB-270 953		Experimental study of artificial recharge alternatives in northwest Hillsborough County, Florida, by W.C. Sinclair	77-25	PB-280 979		near Siloam, Kentucky, by J.M. Kernodle Geochemical and hydrologic
77-14	PB-268 707		Simulation studies of flow and sediment transport using a mathematical model, Atchafalaya River basin, Louisiana, by M.E. Jennings and L.F. Land	77-23	FB-200 9/9		data for wells and springs in thermal-spring areas of the Appalachians, by W.A. Hobba, Jr., J.C. Chermerys, D.W. Fisher, and F.J. Pearson, Jr.
77-15		California District, inspection only	Geology and ground water in western Santa Cruz County, California, with particular emphasis on the Santa Margarita Sandstone, by J.P. Akers and L.E. Jackson, Jr.	77-26	PB-270 926		Hydrology of the Creeping Swamp watershed, North Car- olina, with reference to poten- tial effects of stream channeli- zation, by M.D. Winner, Jr., and C.E. Simmons
77-16	PB-275 816		Application of thermal imagery and aerial photography to hydrologic studies of karst terrane in Missouri, by E.J. Harvey, J.H. Williams, and T.R. Dinkel	77-27	PB-270 946		Low-flow characteristics at gaging stations on the Wisconsin, Fox, and Wolf Rivers, Wisconsin, by W.A. Gebert and B.K. Holmstrom
77-17		Mississippi District, loan copy only	The Cockfield aquifer in Mississippi, by C.A. Spiers	77-28		Oregon State Office, offi- cial use copies, loan copy available	Availability and quality of ground water in the Winston area, Douglas County, Ore- gon, by J.H. Robison and C.A. Collins
77-18	PB-272 508	•••••	Hydrologic considerations associated with dredging spring ponds in Wisconsin, by W.J. Roe	77-29	PB-288 551		Predicted water-level and water-quality effects of artifi- cial recharge in the upper
77-19	PB-268 874		Derivation of equations describing solute transport in ground water, by L.F.				Coachella Valley, California, using a finite element digital model, by L.A. Swain
77-20	No longer ava stead WRIR 79 1976 through D available from	9-109, January ecember 1978,	Konikow and D.B. Grove Water quality in Rhode River at Smithsonian Institution Pier near Annapolis, Maryland, January 1974 through Decem-	77-30	PB-277 533		Digital-model evaluation of the ground-water resources in the Ocotillo-Coyote Wells basin, Imperial County, California, by J.A. Skrivan
77-21	220 809 PB-272 510		ber 1975, by R.L. Cory Magnitude and frequency of floods in California, by A.O. Waananen and J.R. Crippen	77-31	PB-272 509		Techniques for estimating magnitude and frequency of floods in Minnesota, by L.C. Guetzkow
77-22	PB-272 503		Geohydrology of part of the Round Valley Indian Reserva- tion, Mendocino County, California, by K.S. Muir and D.A. Webster	77-32	PB-274 015		Saline-water intrusion in the Floridan aquifer in the Fernandina Beach area, Nassau County, Florida, by R.W. Fairchild and C.B. Bentley

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-33	PB-273 012		Saline-water intrusion related to well construction in Lee County, Florida, by D.H. Boggess, T.M. Missimer, and T.H. O'Donnell	77-44		Arizona District, official use copies, loan copy available	Maps showing ground-water conditions in the Monument Valley and northern part of the Black Mesa areas, Navajo, Apache, and Coconino Coun- ties, Arizona, 1976, by G.W.
77-34		New York District, loan	Subsurface geology and paleo- geography of Queens County				Levings and C.D. Farrar
		copy only	Long Island, New York, by Julian Soren	77-45		Florida Dis- trict, inspec- tion only	Limnological characteristics of Cypress Lake, upper Kissim- mee River basin, Florida, by
77-35		Arizona District, official use copies, loan copy available	Maps showing ground-water conditions in the northern part of the Chinle area, Apache County, Arizona, 1976, by G.W. Levings and C.D.	77-46	PB-271 657		B.F. McPherson Initial assessment of the ground-water resources in the Monterey Bay region, Califor-
			Farrar				nia, by K.S. Muir
77-36	PB-275 790		Aquifer test analyses for the Floridan aquifer in Flagler, Putnam, and St. Johns Coun- ties, Florida, by C.B. Bentley	77-47	PB-272 377		Ground-water resources of the Riviera Beach area, Palm Beach County, Florida, by L.F. Land
77-37	PB-279 455		Ground-water resources of the Marine Corps Base, Twenty- nine Palms, San Bernardino	77-48		Minnesota District, in- spection only	Low-flow characteristics of Minnesota streams, by K.L. Lindskov
			County, California, by D.H. Schaefer	77-49	PB-277 532		The use of Galerkin finite- element methods solve mass- transport equations, by D.B.
77-38	PB-270 623		Artificial recharge experiments on the Ship Creek alluvial fan, Anchorage, Alaska, by G.S. Anderson	77-50		Arizona District, official use copies,	Grove Maps showing ground-water conditions in the southern part of the Chinle area, Apache
77-39		Massachusetts District, in- spection only	Estimating the magnitude and frequency of floods on natural-flow streams in Massachusetts,			loan copy available	County, Arizona, 1976, by G.W. Levings and C.D. Farrar
77-40	PB-271 019		by S.W. Wandle, Jr. Nature and extent of ground-	77-51		California Dis- trict, loan	Sources of emergency water supply in Santa Clara County,
77-40	111-277 017		water-quality changes resulting from solid-waste disposal, Marion County, Indiana, by R.A. Pettijohn	77-52	PB-273 027	copy only	California, by J.P. Akers Evaluation of chemical, biological, and physical conditions in the Winter Haven chain of lakes, Florida,
77-41		Arizona District, inspection copy,	Maps showing ground-water conditions in the southern part of the Black Mesa area,				March-June 1976, by R.C. Reichenbaugh and G.H. Hughes
		loan copy available	Navajo, Apache, and Coconino Counties, Arizona, 1976, by G.W. Levings and	77-53	PB-271 691		Public water supplies of selected municipalities in Florida, 1975 (no author)
77-42		Colorado District, official use copies	C.D. Farrar Water-level changes in northern High Plains of Colorado, 1964 to 1976 and 1972 to 1976, by P. C. Pormer, and	77-54	PB-273 402		Techniques for estimating flood discharges for Oklahoma streams, by W.O. Thomas, Jr., and R.K. Corley
77-43	PB-271 662		1976, by R.G. Borman and T.J. Major Lateral migration of the middle Sacramento River, California,	77-55	ADA-045 865		Water-quality study of Tulpe- hocken Creek, Berks County, Pennsylvania, prior to im- poundment of Blue Marsh Lake, by J.L. Barker

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-56	PB-278 074		Sedimentation in Santa Margarita Lake, San Luis Obispo County, California, by G.D. Glysson	77-69		New Hampshire- Vermont State Office, inspec- tion only	Availability of ground-water in the lower Merrimack River basin, southern New Hamp- shire, by J.E. Cotton
77-57	PB-272 504		Preliminary flood-frequency relations for urban streams, metropolitan Atlanta, Georgia, by H.G. Golden	77-70		New Hampshire- Vermont State	Availability of ground water in the Piscataqua and other coastal river basins, southern
77-58	PB-275 369		Stream simulation in an analog model of the ground-water system on Long Island, New York, by A.W. Harbaugh and			Office, official use copies, loan copy available	New Hampshire, by J.E. Cotton
77-59	PB-270 964		R.T. Getzen Ground water in the Fresno area, California, by K.S. Muir	77-71		Florida District, inspection only	Potential for downward leak- age to the Floridan aquifer, Green Swamp area, central Florida, by H.F. Grubb
77-60	PB-273 744		Distribution and abundance of benthic organisms in the Sacramento River, California, by R.F. Ferreira and D.B. Green	77-72	PB-273 512		Physical, chemical, and biological relations of four ponds in the Hidden Water Creek strip-mine area, Powder River basin, Wyoming, by D.J.
77-61	PB-273 670		The effect of Faka Union canal system on levels in the Faka-hatchee Strand, Collier County, Florida, by L.J. Swayze and B.F. McPherson	77-73		New Jersey District, loan copy only	Wangsness Digital computer simulation model of the Englishtown aquifer in the northern coastal plain of New Jersey, by W.D.
77-62	PB-298 311		Comparison of selected cultural, physical, and water-quality characteristics of lakes in Washington, by G.C. Bortleson and N.P. Dion	77-74		Florida District, inspection only	Nichols Flood profiles of the Alafia River, west-central Florida, computed step-backwater method, by A.F. Robertson
77-63	PB-274 286		Digital flow model of the Chowan River estuary, North Carolina, by C.C. Daniel, III	77-75	PB-274 392		Effects of abandoned lead and zinc mines and tailings piles on water quality in the Joplin area, Missouri, by J.H. Barks
77-64	PB-274 315		A digital model of the Floridan aquifer north of Tampa, Florida, by A.F. Robertson and M.J. Mallory	77-76		Ohio District official use copies	Water quality of the glacial- outwash aquifer in the Great Miami River basin, Ohio, by K.F. Evans
77-65	PB-279 051		Ground-water resources along the Blue Ridge Parkway, North Carolina, by M.D. Winner, Jr.	77-77	PB-279 401		Hydrogeologic conditions in the town of Shelter Island, Suffolk County, Long Island, New York, by Julian Soren
77-66	PB-277 252		Ground water in the Koehn Lake area, Kern County, California, by J.H. Koehler	77-78	PB-283 786		Geohydrologic evaluation of a landfill in a coastal area, St. Petersburg, Florida, by C.R. Hutchinson and J.W. Stewart
77-67		Pennsylvania District, in- spection only	Ground-water resources of Chester County, Pennsylvania, by L.J. McGreevy and R.A. Sloto	77-79		New Hampshire- Vermont State Office, official	Availability of ground-water in the lower Connecticut River basin, southwestern New
77-68	PB-284 064		Water-resources setting, Martin County, Florida, by R.A. Miller			use copies, loan copy available	zamponic, oy J.E. Conon

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-80	PB-273 028		Water quality of selected streams in the coal area of southeastern Montana, by J.R. Knapton and P.W. McKinley	77-92	PB-273 067		Rising ground-water level in downtown Louisville, Kentucky, 1972–1977, by J.M. Kernodle and D.V. Whitesides
77-81	ADA-057 484		Water resources of northeast North Carolina, by H.B. Wilder, T.M. Robison, and K.L. Lindskov	77-93		Montana Dis- trict, loan copy only	Water-level changes in wells along the west side of the Cedar Creek anticline, southeastern Montana, by
77-82		California District official use	Ground-water hydrology of the lower Milliken-Sarco- Tulucay Creeks area, Napa				D.L. Coffin, T.E. Reed, and S.D. Ayers
		copies, loan copy available	County, California, by M.J.	77-94		Pacific North- west District official use	characteristics of lakes in Washington, by G.C.
77-83	PB-278 658		A technique for determining depths for T-year discharges in rigid-boundary channels, by D.E. Burkham	77-95	P B -279 528	copies	Bortleson Ice on rivers and lakes—A bibliographic essay, by E.R. Ficke and J.F. Ficke
77-84		Florida District, inspection only	Water resources inventory of northwest Florida, by J.E. Dysart, C.A. Pascale, and Henry Trapp, Jr.	77-96	PB-288 183		Preliminary hydrologic budget of the sand-and-gravel aquifer under stressed conditions, with a section on water-quality
77-85	PB-273 162		Computer simulation of two- dimensional unsteady flows in				monitoring, by Henry Trapp, Jr.
			estuaries and embayments by the method of characteristics— Basic theory and the formula- tion of the numerical method, by Chintu Lai	77-97	PB-293 028		Dissolved-solids budget of Lake Okeechobee, Florida, October 1964 to September 1974, by D.V. Maddy
77-86	PB-280 171		Ground-water supplies in the Murfreesboro area, Tennessee, by D.R. Rima, M.S. Moran, and E.J. Woods	77-98	PB-274 713		Evaluation of a potential well field near Church Rock as a water supply for Gallup, New Mexico, by G.A. Hearne
77-87	PB-276 119		Surface-water and ground- water features, Clay County, Florida, by C.B. Bentley	77-99	PB-284 289		Water-quality investigation, upper Santa Clara River basin, California, by J.C. Bowers and G.A. Irwin
77-88		Florida Dis- trict, inspec- tion only	Hydrology of Lake Panasoff- kee, Sumter County, Florida, by G.F. Taylor	77-100		Florida Dis- trict, inspec-	Saltwater intrusion in the Floridan aquifer, coastal
77-89		Florida Dis- trict, inspec- tion only	Hydrologic reconnaissance of Tsala Apopka Lake, Citrus County, Florida, by A.T.			tion only	Citrus and Hernando Counties, Florida, 1975, by L.R. Mills and P.D. Ryder
77-90	PB-275 381		Rutledge Techniques for estimating flood-depth frequency rela-	77-101	•••••	Florida Dis- trict, inspec- tion only	Water resources of the Wac- casassa River basin and adja- cent areas, Florida, by G.F.
			tions on natural streams in Georgia, by McGlone Price	77-102		Minnesota	Taylor and L.J. Snell Ground-water appraisal of the
77-91	PB-279 369		Observations of water quality in the mixed reach below the confluence of the Sacramento			District, in- spection only	Pineland Sands area, central Minnetota, by J.O. Helgesen
			and Feather Rivers, California, August and November 1975, by R.F. Ferreira and R.J. Hoffman	77-103	PB-275 728		An analysis of salinity in streams of the Green River basin, Wyoming, by L.L. DeLong

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-104	PB-277 350		Frequency analysis of Illinois floods using observed and synthetic streamflow records, by G.W. Curtis	77-116	PB-81 230 393		Time of travel of solutes in selected reaches of Ohio streams, 1973 and 1975, by A.O. Westfall
77-105		Ohio District inspection only	Limnology of selected lakes in Ohio, 1975, by R.L. Tobin and J.D. Youger	77-117	PB-277 255		Technique for estimating mag- nitude and frequency of floods in Illinois, by G.W. Curtis
77-106		Arizona District, inspection copy, loan copy available	Annual summary of ground- water conditions in Arizona, spring 1976 to spring 1977, by H.M. Babcock	77-118		Wisconsin District, offi- cial use copies	Low-flow characteristics of streams in the lower Wiscon- sin River basin, by W.A. Gebert
77-107		Wyoming District official use copies	Preliminary digital model of the Arikaree aquifer in the Sweetwater River basin, central Wyoming, by W.B. Borchert	77-119	PB-278 051		Analysis of waste-load assimilative capacity of the Yampa River, Steamboat Springs to Hayden, Routt County, Colorado, by D.P. Bauer, T.D. Steele, and R.D. Anderson
77-108		Idaho District inspection only	Reconnaissance of ground- water resources in the Moun- tain Home plateau area, south- west Idaho, by H.W. Young	77-120		Massachusetts District, in- spection only	Ground-water resources of the upper Winooski River basin, Vermont, by A.L.
77-109	PB-278 855 Also PB-284 90	1	Methods of estimating re- charge to the Floridan aquifer in northeast Florida, by G.G.	77-121	PB-278 052		Hodges, Jr., R.W. Willey, J.W. Ashley, and David Butterfield Nitrification in four acidic
77-110	PB-284 423		Phelps Technique for estimating the magnitude and frequency of floods in Texas, by E.E.	//-121	FB-278 032		streams in southern New Jersey, by J.C. Schornick, Jr., and N.M. Ram
77-111		Wyoming District	Schroeder and B.C. Massey Hydrologic evaluation of the Arikaree Formation near	77-122	PB-280 322		Limnology of Laguna Tor- tuguero, Puerto Rico, by Fer- dinand Quinones-Marquez and L.A. Fuste
		official use copies	Lusk, Niobrara and Goshen Counties, Wyoming, by M.A. Crist	77-123	ADA-056 573		Fluvial sediment study of Fishtrap and Dewey Lakes drainage basins, Kentucky-
77-112	PB-278 054		Effectiveness of pilot connector well in artificial recharge of the Floridan aquifer,	77.124	DD 204 245		Virginia, by W.F. Curtis, R.F. Flint, and F.H. George
77 110			western Orange County, Florida, by F.A. Watkins, Jr.	77-124	PB-284 245		Appraisal of shallow ground- water resources and manage- ment alternatives in the upper
77-113	•••••	Arizona District, official use copies, loan copy	Map showing ground-water conditions in the lower Verde River area, Maricopa, Yavapai, and Gila Counties,				Peace and eastern Alafia River basins, Florida, by C.B. Hutchinson
77-114	,	available Florida Dis-	Arizona, 1976, by P.P. Ross Altitude and configuration of	77-125		Mississippi District, in- spection only	The Winona-Tallahatta aquifer in Mississippi, by C.A. Spiers
		trict, inspec- tion only	the top of the Floridan aquif- er, Duval County, Florida, by G.W. Leve	77-126		Florida District, inspec- only	The hydrology of Lake Rousseau, west-central Florida, by E.R. German
77-115	PB-283 955		Flood profiles for lower Brooker Creek, west-central Florida, by W.R. Murphy, Jr.	77-127		Georgia Dis- trict, inspec- tion only	Low-flow frequency of Georgia streams, by R.F. Carter and S.A. Putnam

1977—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
77-128	PB-284 359	<i>,</i>	Reaeration capacity of Rock River between Lake Kosh- konong, Wisconsin, and Rock- ton, Illinois, by R.S. Grant	78-2	PB-284 291		Interim report on streamflow, sediment discharge, and water quality in the Calabazas Creek basin, Santa Clara County,
77-129	PB-288 515		Well-response model of the confined area, Bunker Hill ground-water basin, San Ber-				California, by J.M. Knott, G.L. Pederson, and R.F. Middelburg, Jr.
			nardino County, California, by T.J. Durbin and C.O. Morgan	78-3	•••••	New York District, loan	Quality and movement of ground water in Otter Creek-
77-130	PB-284 244		Ground-water storage in the Johnson Valley area, San Ber- nardino County, California, by J.J. French			copy only	Dry Creek basin, Cortland County, New York, by William Buller, W.J. Nichols, and J.F. Harsh
77-131	PB-284 221		Geohydrologic data from the Jemez Mountains and vicinity, north-central New Mexico, by F.W. Trainer	78-4	PB-295 871		Hydrogeologic factors affecting the availability and quality of ground water in the Temple Terrace area, Hillsborough County, Florida, by J.W. Steward, C.L. Goetz, and
77-132	PB-280 310		Preliminary evaluation of flood frequency relations in the urban areas of Memphis, Tennessee, by C.W. Boning	78-5		Virginia State Office, official use copies	L.R. Mills Technique for estimating the magnitude and frequency of floods in Virginia, by E.M.
77-133	PB-284 063		Chemical quality of ground water in the central Sacra- mento Valley, California, by R.P. Fogelman	78-6	PB-278 853		Miller Impact of potential phosphate rnining on the hydrology of Osceola National Forest,
77-134		Orlando, Florida, Sub- district Office,	Hydrologic maps of the Orlando East quadrangle, Florida, by W.D. Wood and				Florida, by J.A. Miller, G.H. Hughes, R.W. Hull, John Vecchioli, and P.R. Seaber
		inspection only	L.J. Snell	78-7	PB-288 185		A rainfall-runoff modeling procedure for improving esti- mates of T-year (annual)
77-135		Orlando, Florida, Sub- district Office,	Hydrologic maps of the Orlando West quadrangle, Florida, by W.D. Wood and				floods for small drainage basins, by R.W. Lichty and Fred Liscum
		inspection only	L.J. Snell	78-8	PB-284 128		Flood profiles for Cypress Creek, west-central Florida, by W.R. Murphy, Jr.
77-136		Puerto Rico DIstrict, loan copy available	Floods of November 11-13, 1974, in St. Croix, U.S. Virgin Islands, by W.J. Haire and K.G. Johnson	78-9		Florida District, inspection only	Potentiometric surface of Floridan aquifer, Southwest Florida Water Management District and adjacent areas,
77-137	PB-281 022		Trophic conditions in Lake Winnisquam, New Hamp- shire, by L.R. Frost, Jr.				September 1977, by P.D. Ryder, L.R. Mills, and C.P. Laughlin
1978				78-10	PB-284 364		Method of estimating natural recharge to the Edwards aquifer in the San Antonio
78-1		Colorado Dis- trict, official use copy	Water-resources appraisal of the Wet Mountain Valley, in parts of Custer and Fremont Counties, Colorado, by C.J. Londquist and R.K. Livingston	78-11	PB-284 093		area, Texas, by Celso Puente Effects of urban development on the flood-flow characteris- tics of the Walnut Creek basin, Des Moines metropolitan area, Iowa, by O.G. Lara

1978—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-12	PB-284 185		Regional analysis of the effects of land use on stream-water quality, methodology and application in the Susquehanna River basin, Pennsylvania and New York, by D.J. Lystrom, F.A. Rinella, D.A. Rickert,	78-23	PB-282 675		Chemical analyses of surface water in Illinois, 1958-74: Volume II, Illinois River basin and Mississippi River tributar- ies north of Illinois River basin, by R.W. Healy and L.G. Toler
78-13	PB-284 062		and Lisa Zimmermann An analysis of stream temperatures, Green River basin, Wyoming, by H.W. Lowham	78-24	PB-282 676		Chemical analyses of surface water in Illinois, 1958-74: Volume III, Ohio River tribu- taries and Mississippi River
78-14	PB-288 360		Distribution of dissolved nitrate and fluoride in ground water, Highland-East High- lands, San Bernardino County,				tributaries south of the Illinois River basin, by R.W. Healy and L.G. Toler
			California, by L.A. Eccles and J.M. Klein	78-25		Kentucky District, official use copies,	Potentiometric surface of Mississippian aquifer in parts of Trigg, Lyon, Caldwell, and
78-15		Arizona Dis- trict, official use copies, loan copy	Map showing ground-water conditions in the House Rock area, Coconino County, Ari- zona, 1976, by G.W. Levings			loan copy available	Christian Counties, Mississip- pian plateau region, Kentucky, by R.O. Plebuch
78-16	PB-282 047	available	and C.D. Farrar Public water supplies of North Carolina, a summary of water sources, use, treatment, and capacity of water-supply sys-	78-26	PB-288 220		Feasibility of water-supply development from the uncon- fined aquifer in Charlotte County, Florida, by R.M. Wolansky
78-17	PB-284 126		tems, by L.T. Mann, Jr. Source, use, and disposition of water in Florida, 1975, by S.D. Leach	78-27	PB-284 086		Hydrologic monitoring of a deep-well waste-injection system near Pensacola, Florida, March 1970-March 1977, by C.A. Pascale and
78-18	PB-284-264		Unsteady solute-transport simulation in streamflow using a finite-difference model, by L.F. Land	78-28	PB-284 267		J.B. Martin Hydrologic analysis of the
78-19	PB-284 288		Stream quality in the San Lorenzo River basin, Santa Cruz County, California, by M.A. Sylvester and K.J. Covay				U.S. Bureau of Mines under- ground oil-shale research facil- ity site, Piceance Creek basin, Rio Blanco County, Colorado, by R.H. Dale and J.B. Weeks
78-20	PB-284 290		Sediment transport in the Feather River, Lake Orville to Yuba City, California, by George Porterfield, R.D. Busch, and A.O. Waananen	78-29		Florida Dis- trict, inspec- tion only	Water-supply potential of the lower Hillsborough River, Florida, by C.L. Goetz, R.C. Reichenbaugh, and J.K. Ogle
78-21	PB-281 504		Chemical and physical quality of selected public water supplies in Florida, August- September 1976, by G.A. Irwin and H.G. Healy	78-30	PB-299 323		Effects of land use and water management on water quality in the western South New River Canal basin, southeast Florida, 1974-75, by B.G.
78-22	PB-282 674		Chemical analyses of surface water in Illinois, 1958-74: Volume I, Des Plaines River basin and Lake Michigan, by R.W. Healy and L.G. Toler	78-31		Pacific- Northwest District, offi- cial use copies	Waller Progress report on water resources of the Tulalip Indian Reservation, Washington, by B.W. Drost

1978—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-32	PB-284 667		An evaluation of problems arising from acid mine drainage in the vicinity of Shasta Lake, Shasta County, California, by R.H. Fuller,	78-42	ADA-061 737		Postimpoundment survey of water-quality characteristics of Raystown Lake, Huntingdon and Bedford Counties, Pennsylvania, by D.R. Williams
78-33		Arizona District, official use copies,	J.M. Shay, R.F. Ferreira, and R.J. Hoffman Areas subject to inundation by the 100-year flood in Avra Valley, Pima County, Arizo-	78-43	PB-296 229		Nitrogen, phosphorus, organic carbon, and biochemical oxygen demand in Florida sur- face waters, 1972, by M.I. Kaufman and J.E. Dysart
		loan copy available	na, by R.H. Roeske	78-44		Pacific- Northwest	Physical, chemical, and biological characteristics of Ross
78-34		Florida Dis- trict, inspec-	Configuration of the top of the Floridan aquifer, Southwest			District, offi- cial use copies	Lake, Snohomish County, Washington, by N.P. Dion
		tion only	Florida Water Management District and adjacent areas, by A. Buono and A.T. Rutledge	78-45	PB-299 350		Ground-water quality near the northwest 58th Street solid- waste disposal facility, Dade County, Florida, by H.C.
78-35	PB-280 793	•••••	Sediment discharge from high- way construction near Port Carbon, Pennsylvania, by				Mattraw, Jr., J.E. Hull, and Howard Klein
78-36	PB-288 080		R.E. Helm Effects of bottom sediments on	78-46	PB-284 341		Digital model of ground-water flow in Piceance Creek basin, Rio Blanco and Garfield Coun-
70 50	15 200 000		infiltration from the Miami and tributary canals to the Biscayne	78-47	PB-284 127		ties, Colorado, by J.B. Weeks Progress report on hydrologic
			aquifer, Dade County, Florida, by W.L. Miller	, 5	15 201 127		investigations of small drain- age areas in New Hampshire: Preliminary relations for
78-37	PB-288 136		Preliminary appraisal of the geohydrologic aspects of drainage wells, Orlando area,				estimating peak discharges on rural, unregulated streams, by D.R. LeBlanc
			central Florida, by J.O. Kimrey	78-48	PB-284 118		Hydrology of the Nevin wet- land near Madison, Wiscon- sin, by R.P. Novitzki
78-38	PB-288 135		Quantitative hydrogeology of the Upper Republican Natural Resources District, southwest Nebraska, by E.G. Lappala	78-49	PB-284 266		Ten-year low mean monthly discharge determinations for ungaged streams near waste-
78-39	Superseded by I Investigation Se	ries Map	Global distribution of carbon dioxide discharges and major				stabilizations ponds in Wisconsin, by S.J. Field
	I-1528, available Distribution Bra		zones of seismicity, by I.K. Barnes, W.P. Irwin, and D.E. White	78-50	PB-291 899		Availability and quality of ground water in the Lake George area, southeastern
78-40		Arizona Dis- trict, inspec-	Maps showing ground-water conditions in the western part				Park County, Colorado, by K.E. Goddard
		tion copy, loan copy available	of the Salt River Valley area, Maricopa County, Arizona, 1977, by P.P. Ross	78-51		Minnesota District, in- spection copy, loan copy	Physiography and surficial geology of the Cooper-Nickel study region, northeastern Minnesota, by P.G. Olcott and
78-41	PB-300 826		Monthly fluctuations in the quality of ground water near	70 52	DD 200 400	available	D.I. Siegel
			the water table in Nassau and Suffolk Counties, Long Island, New York, by B.G. Katz, S.E. Ragone, and J.B. Lindner	78-52	PB-288 499		Ground-water resources of the Cape Lookout National Seashore, North Carolina, by M.D. Winner, Jr.

1978—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-53	ADA-057 485		Bacteriological water quality of Tulpehocken Creek basin, Berks and Lebanon Coun- ties, Pennsylvania, by J.L.	78-63	ADA-057 486		Floods in Kansas City, Missouri and Kansas, September 12–13, 1977, by L.D. Hauth and W.J. Carswell, Jr.
78-54	PB-298 820		Barker Evaluation of a digital model for estuarine water-quality simulation in waste allocation studies, by G.E. Seaburn, M.E. Jennings, and M.L.	78-64		Pacific- Northwest District, offi- cial use copies	Preferred and observed conditions for sockeye salmon in Ozette Lake and its tributaries, Clallam County, Washington, by G.C. Bortleson and N.P. Dion
78-55	PB-288 403		Merritt Inflatable straddle packers and associated equipment for hydraulic fracturing and hydrologic testing, by Eugene	78-65		Florida Dis- trict, inspec- tion only	Magnitude and frequency of floods in the Myakka River, southwest Florida, by K.M. Hammett, J.F. Turner, Jr., and W.R. Murphy, Jr.
78-56	PB-288 401		Shuter and R.R. Pemberton An oilspill risk analysis for the mid-Atlantic (proposed sale	78-66	PB-288 500		Evaluation of thermograph data for California streams, by J.T. Limerinos
			49) outer continental shelf lease area, by J.R. Slack and Timothy Wyant	78-67	PB-288 552		Predictive analyses of ground- water discharge in the Willow Creek watershed, northeast
78-57		Florida Dis- trict, inspec- tion only	Flood profiles for Peace River, south-central Florida, by W.R. Murphy, K.M. Hammett, and	78-68	PB-284 340		Nebraska, by J.T. Dugan and E.G. Lappala Comparison of the radioactive
78-58	ADA-074 703		C.V. Reeter Water budget and hydraulic aspects of artificial recharge, south coast of Puerto				and modified techniques for measurement of stream reaer- ation coefficients, by R.E. Rathbun and R.S. Grant
70.50	DD 200 127		Rico, by J.E. Heisel and J.R. Gonzalez	78-69		Florida Dis- trict, inspec-	Potentiometric surface of Floridan aquifer in the St.
78-59	PB-288 127		Unsteady streamflow simulation using a linear implicit finite-difference model, by L.F. Land			tion only	Johns River Water Management District and vicinity, Florida, September 1977, by F.A. Watkins, Jr., C.P. Laughlin, and E.C. Hayes
78-60		**:	Maps showing ground-water conditions in the Wilcox area, Cochise and Graham Counties, Arizona, 1975, by L.J. Mann, N.D. White, and R.P. Wilson	78-70	PB-284 668		Plan of study for the High Plains Regional Aquifer- System Analysis in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma,
78-61		Arizona Dis- trict, inspec- tion copy, loan	Maps showing ground-water conditions in the eastern part of the Salt River Valley area,	78-71		New York	South Dakota, Texas, and Wyoming, by J.B. Weeks Digital-model simulation of
			Maricopa and Pinal Counties, Arizona, 1976, by R.L. Laney, P.P. Ross, and G.R. Littin			copy only Otter Cree Cortland	the glacial-outwash aquifer, Otter Creek-Dry Creek basin, Cortland County, New York, by O.J. Cosner and J.F. Harsh
78-62			Maps showing ground-water conditions in the Yuma area, Yuma County, Arizona, 1975, by D.W. Wilkins	78-72		Denver, Colorado, Library, in- spection only	Gas-driven pump for ground-water samples, by D.C. Signor

1978—Continued

**************************************					******					
WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author			
78-73		Florida Dis- trict, inspec- tion only	Connector well experiment to recharge the Floridan aquifer, East Orange County, Florida, by P.W. Bush	78-84		Pacific- Northwest District, offi- cial use copies	Flood profiles along the Cedar River, King County, Washing- ton, by O.C. Hettick			
78-74	PB-288 070		Preliminary evaluation of the water-supply potential of the spring river system in the Weeki Wachee area and the	78-85		Wisconsin District, offi- cial use copies	Low-flow characteristics of streams in the Rock-Fox River basin, Wisconsin, by B.K. Holmstrom			
			lower Withlacoochee River, west-central Florida, by W.C. Sinclair	78-86	PB-300 757	•••••	Flood hydrology of Butte basin, 1973-77 water years, Sacramento Valley, Cali-			
78-75	PB-288 129		Transit losses and traveltimes of reservoir releases along the Arkansas River from Pueblo Reservoir to John Martin Res- ervoir, southeastern Colorado,	78-87	PB-288 740 PB-292 892 ma	gnetic tape	fornia, by R.G. Simpson Hydrologic data for Soldier Creek basin, Kansas, by W.J. Carswell, Jr.			
78-76	PB-301 318		by R.K. Livingston Effects of paved surfaces on	78-88	PB-288 508		Interpretation of well logs in a carbonate aquifer, by L.M. MacCary			
			recharge to the Floridan aquifer in east-central Florida: A conceptual model, by C.H. Tibbals	78-89		Florida Dis- trict, inspec- only	Hydrologic evaluation of part of central Volusia County, Florida, by P.W. Bush			
78-77	PB-296 206		Computer modeling of ground-water availability in the Pootatuck River valley, Newtown, Connecticut, by	78-90	PB-292 303		Distributed routing rainfall-runoff model, by D.R. Dawdy, J.C. Schaake, Jr., and W.M. Alley			
78-78	PB-288 359		F.P. Haeni Water quality in the Sugar Creek basin, Bloomington and Normal, Illinois, by B.J. Prugh, Jr.	78-91	ADA-073 460		Limnology of Taylor Creek impoundment with reference to other water bodies in the upper St. Johns River basin, Florida, by D.A. Goolsby and B.F. McPherson			
78-79	PB-80 111 081		Model evaluation of the hydrogeology of the Cypress Creek well field in west- central Florida, by P.D. Ryder	78-92	ADA-075 819		Availability and quality of water from shallow aquifers in Duval County, Florida, by L.V. Causey and G.G. Phelps			
78-80			An oilspill risk analysis for the southern California proposed sale 48 Outer Continental Shelf lease area, by J.R. Slack	78-93		Delaware State Office official use copies	Technique for estimating magnitude and frequency of floods in Delaware, by R.H. Simmons			
78-81	PB-84 146 299	only	Meteorological, water- temperature, and discharge data for the Mattole River ba-	78-94		New York District, loan copy only	Hydrologic appraisal of the water resources of the Homer- Preble Valley, New York, by William Butler			
			sin, Humboldt County, California, by R.D. Noble and A.P. Jackman	78-95	PB-102 239		Appraisal of uncontrolled flowing artesian wells in Florida, by H.G. Healy			
78-82		Idaho District official use copies	Water resources of Camas Prairie, south-central Idaho, by H.W. Young	78-96		Colorado District, official use copies	Preliminary applications of Landsat images and aerial pho- tography for determining land-			
78-83		Arizona Dis- trict, inspec- tion copy, loan copy available	Maps showing water-level declines, land subsidence, and earth fissures in south-central Arizona, by R.L. Laney, R.H. Raymond, and C.C. Winikka			·	use, geologic, and hydrologic characteristics, Yampa River basin, Colorado and Wyom- ing, by F.J. Heimes, G.K. Moore, and T.D. Steele			

1978—Continued

WRIR#		USGS				TICCC	
W KIK #	NTIS #	availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-97		Florida District, inspection only	Hydrologic, geologic, and water-quality data, Ochlockonee River basin area, Florida, by C.A. Pascale, J.R. Wagner, and J.E. Sohm	78-109		Ohio District inspection only	Chemical and biological quality of selected lakes in Ohio, 1976 and 1977, by R.L. Tobin and J.D. Youger
78-98		Mississippi District, loan copy only	The Tuscaloosa aquifer system in Mississippi, by E.H. Boswell	78-110	PB-299 730		Results of testing landspread- ing of treated municipal wastewater at St. Petersburg, Florida, by R.C. Reichen- baugh, D.P. Brown, and C.L.
78-99	PB-80 102 270		Long-term water supply potential, Green Swamp area, Florida, by H.F. Grubb and A.T. Rutledge	78-111	PB-292 702		Evaluation and correlation of water quality data for the
78-100	PB-298 107		Flood profiles of the Pith- lachascotee River, west-central Florida, by J.F. Turner, Jr.,				North Fork Flathead River, northwestern Montana, by J.R. Knapton
			W.R. Murphy, Jr., and C.V. Reeter	78-112		Pacific- Northwest District, offi-	Water resources of the Port Madison Indian Reservation, Washington, by W.E. Lum, II
78-101	PB -300 953		Water resources of the Nisqually Lake area, Pierce County, Washington, by H.D.	7 0.44 0		cial use copies	
			Pearson and N.P. Dion	78-113		California Dis- trict, loan copy only	Development and use of two- dimensional digital models for the Salinas Valley ground-
78-102	PB-295 569		Streamflow simulation studies of the Hillsborough, Alafia, and Anclote Rivers, west-central Florida, by J.F. Turner, Jr.				water basin, California: Part 1, Development of ground-water flow models, by T.J. Durbin, G.W. Kapple, and J.R. Freckleton
78-103		Hawaii Dis- trict, loan copy only	Flow characteristics of streams in Tutuila, American Samoa, by Iwao Matsuoka	78-114		Mississippi District, offi- cial use copies	The Coffee Sand and Ripley aquifers in Mississippi, by E.H. Boswell
78-104		Louisiana District, official use copies	Geohydrology of the northern Louisiana salt-dome basin per- tinent to the storage of radioac- tive wastes: A progress report, by R.L. Hosman	78-115	PB-296 253		Water chemistry of the Redwood Creek and Mill Creek basins, Redwood National Park, Humboldt and Del Norte Counties,
78-105	PB-292 677		Present and potential sediment yields in the Yampa River				California, by W.L. Bradford and R.T. Iwatsubo
			basin, Colorado and Wyoming, by E.D. Andrews	78-116	PB-80 224 140 See Also WATE		Additional and revised ther- mochemical data and computer
78-106		Mississippi District, loan copy only	The Mississippi River valley alluvial aquifer in Mississippi, by G.J. Dalsin		in 1973 Catalog; WATEQF (WRIR 76-13) PB-261 027 in 1976 Catalog, Magnetic tape PB-84 199 314; WATEQ3—OF 81-1183; WATEQ4F—OF 87-50		code for WATEQ2: A com- puterized chemical model for trace and major element speci- ation and mineral equilibria of
78-107		Florida Dis- trict, inspec- tion only	Biscayne aquifer, southeast Florida, by Howard Klein and J.E. Hull				
78-108		Wisconsin District, offi- cial use copies	Contamination potential in the Silurian Dolomite aquifer, eastern Wisconsin, by M.G. Sherrill	78-117		Georgia Dis- trict, official use copies	Geohydrology of Brooks, Lowndes, and western Echols Counties, Georgia, by R.E. Krause

1978—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-118	PB-299 349		Ground-water conditions and potential for artificial recharge in Lucerne Valley, San Bernardino County, California, by D.H. Schaefer	78-130		Pacific- Northwest District, offi- cial use copies	Flood elevations for the Sooes River at proposed fish hatch- ery, Clallam County, Wash- ington: A surface-water site study, by J.H. Bartells
78-119	PB-301 103		Application of transient-flow model to the Sacramento River at Sacramento, California, by	78-131		Mississippi District, offi- cial use copies	The Citronelle aquifers in Mississippi, by E.H. Boswell
78-120	PB-298 807		R.N. Oltmann Ground water in Dale Valley, New York, by A.D. Randall	78-132		Minnesota District, in- spection copy, loan copy	Low-flow frequency of Minnesota streams, by S.A. Warne
78-121	PB-300 828		The biology of Salt Wells Creek and its tributaries, southwestern Wyoming, by	78-133	ADA-075 139	available	Sediment transport by the
78-122	PB-80 129 521		M.J. Engelke, Jr. Traveltime, unit-concentration, longitudinal-dispersion,				White River into Mud Mountain Reservoir, Washington, June 1974-June 1976, by L.M. Nelson
			and reaeration characteristics of upstream reaches of the Yampa and Little Snake Rivers, Colorado and Wyoming, by D.P. Bauer, R.E. Rathbun, and H.W. Lowham	78-134		North Caro- lina District official use copies, loan copy available	Land use, land cover, and drainage map of the Albemarle-Pamlico Peninsula, eastern North Carolina, 1974, by C.C. Daniel, III
78-124	PB-301 241		Chemical quality of ground water in the eastern Sacra- mento Valley, California, by R.P. Fogelman	78-135	PB-298 360		Guidelines for the use of structural versus regression analysis in geomorphic studies, by W.R. Osterkamp, J.M. McNellis, and P.R. Jordan
78-125	PB-301 204		Hydrologic data for urban watersheds in the Tampa Bay area, Florida, by M.A. Lopez and D.M. Michaelis	78-136	PB-301 385		Tree rings as indicators of hydrologic change in the Great Dismal Swamp, Virginia and North Carolina, by R.L.
78-126	PB-300 815		The Yampa River basin, Colorado and Wyoming—A preview to expanded coal-				Phipps, D.L. Ierley, and C.P. Baker
			resource development and its impacts on regional water resources, by T.D. Steele,	78-137	PB-80 146 244		Floods in Georgia, magnitude and frequency, by McGlone Price
			D.P. Bauer, D.A. Wentz, and J.W. Warner	78-138	PB-300 843		Effects of seepage from fly-ash settling ponds and construction dewatering on ground-water
78-127	PB-299 577		Ground-water conditions in the Eureka area, Humboldt County, California, 1975, by M.J. Johnson				levels in the Cowles unit, Indiana Dunes National Lakeshore, Indiana, by W.R. Meyer and Patrick Tucci
78-128		Tennessee District official use copies, loan copy available	Leachate migration from a pesticide waste disposal site in Hardeman County, Tennessee, by C.L. Sprinkle	78-139	PB-298 245		Technique for estimating the magnitude and frequency of floods in St. Louis County, Missouri, by D.W. Spencer and T.W. Alexander
78-129		Alaska District	Flood characteristics of Alaskan streams, by R.D. Lamke	78-140	PB-299 360		Temperature in streams of New Mexico for the period October 1964 to September 1969, by R.W. Clement

1978—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
78-141	PB-300 855		Floods in Puerto Rico, magnitude and frequency, by M.A. Lopez, E. Colon-Dieppa, and E.D. Cobb	79-9		Wisconsin District, offi- cial use copies	Low-flow characteristics of streams in the Trempealeau- Black River basin, Wisconsin, by B.K. Holmstrom
78-142	PB-298 870		Water quality of selected streams in the coal area of east- central Montana, by P.W. McKinley	79-10	PB-298 347		The effect of nitrification on the oxygen balance of the upper Chattahoochee River, Georgia, by T.A. Ehlke
78-144		Arizona District, official use copies, loan copy	Annual summary of ground- water conditions in Arizona, spring 1977 to spring 1978, by U.S. Geological Survey	79-11	PB-101 298		Water resources of the Seward area, Alaska, by L.L. Dearborn, G.S. Anderson, and Chester Zenone
1979 79-1	PB-298 359	available	Water-quality assessment of	79-12		Pacific- Northwest District, loan copy only	Water resources of the Swinomish Indian Reserva- tion, Washington, by B.W. Drost
79-1	FB-296 339		runoff from a rural highway bridge near Tallahassee, Florida, by G.A. Irwin and G.T. Losey	79-13	PB-300 776		Effects of landfill leaching on the water quality and biology of a nearby stream, South Cairo, Greene County, New
79-2	ADA-072 555		Hydrologic effects of annually diverting 131,000 acre-feet of water from Dillon Reservoir, central Colorado, by W.M. Alley, D.P. Bauer, J.E. Veen- huis, and Robert Brennan	79-14		Idaho District official use copies	York, by T.A. Ehlke Ground-water quality in Ban- nock, Bear Lake, Caribou, and part of Power Counties, southeastern Idaho, by H.R. Seitz and R.F. Norvitch
79-3	PB-300 945		Regional stochastic generation of streamflows using an ARIMA (1,0,1) process and disaggregation, by J.T. Armbruster	79-15	PB-80 116 122		Variation of alluvial-channel width with discharge and character of sediment, by W.R. Osterkamp
79-4	PB-82 167 701		Analytical method for dissolved organic-carbon fractionation, by J.A. Leenheer and E.W. Huffman, Jr.	79-16	PB-300 824		Pesticide residues in agricultural drains, southeastern desert area, California, by L.A. Eccles
79-5	PB-299 354		Statistical summaries of Arizona streamflow data, by T.W. Anderson and N.D. White	79-17		Ohio District official use copies	Water-quality assessment of Rattlesnake Creek watershed, Ohio, by K.F. Evans and R.L.
79-6		Wyoming District official use copies	Hydrogeologic features of the alluvial deposits in the Grey- bull River valley, Bighorn basin, Wyoming, by M.E. Cooley and W.J. Head	79-18	PB-80 140 932		Tobin Documentation of a finite-element two-layer model for simulation of ground-water flow, by M.J. Mallory
79-7		Georgia District, offi- cial use copies	A preliminary appraisal of the impact of agriculture on ground-water availability and quality in southwest Georgia, by L.D. Pollard, R.G. Grantham, and H.E. Blanchard, Jr.	79-19	PB-80 107 915		Selected water-resources data, Clarion River and Redbank Creek basins, northwestern Pennsylvania: Part 2, by T.F. Buckwalter, C.H. Dodge, and G.R. Schiner
79-8		Oregon State Office, official use copies, loan copy available	Ground water in the Myrtle Creek-Glendale area, Douglas County, Oregon, by F.J. Frank	79-20	PB-298 244		Effects of pumping on ground- water levels near Taylorsville, Bartholomew County, Indiana, by Michael Planert and Patrick Tucci

1979—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
79-21		Kentucky District, official use copies, loan copy available	Selected chemical quality characteristics in streams of Kentucky, 1970-75, by J.F. Santos	79-32		California District, official use copies, loan copy available	Digital model of the Hollister Valley ground-water basin, San Benito County, California, by G.W. Kapple
79-22	ADA-072 720		Water quality in the proposed Prosperity Reservoir area, Center Creek basin, Missouri, by J.H. Barks and W.R. Berkas	79-33		Pacific- Northwest District, in- spection only	Seepage study for unnamed tributary to Alder Creek, Stevens County, Washington, by P.J. Carpenter and B.W. Drost
79-23 79-24	PB-299 912 PB-299 913		Chemical analyses of surface water in Illinois, 1975-77: Volume 1, Des Plaines River basin and Lake Michigan, by David Grason and R.W. Healy Chemical analyses of surface	79-34	PB-298 141		Plan of study for the Northern Great Plains Regional Aquifer- System Analysis in parts of Montana, North Dakota, South Dakota, and Wyoming, by G.A. Dinwiddie
,, <u>,</u>			water in Illinois, 1975-77: Volume 2, Illinois River basin and Mississippi River tributar- ies north of Illinois River basin, by David Grason and	79-35		Menlo Park, California, Library, in- spection only	Spring-deposited travertine in eleven Western States, by J.F. Feth and I.K. Barnes
79-25	PB-299 914		R.W. Healy Chemical analyses of surface water in Illinois, 1975–77: Volume 3, Ohio River tributaries and Mississippi River	79-36	PB-299 065		Effects of urbanization on the magnitude and frequency of floods in northeastern Illinois, by H.E. Allen, Jr., and R.M. Bejcek
<i>7</i> 9-26		Nebraska Dis-	tributaries south of Illinois River basin, by David Grason and R.W. Healy Simulated changes in ground-	79-37	PB-80 123 417		Instrumentation of urban hydrology monitoring sites in southeast Florida, by Jack Hardee
13-20		trict, loan copy only	water levels and streamflow resulting from future develop- ment (1970 to 2020) in the Platte River basin, Nebraska, by E.G. Lappala, P.A.	79-38		Wisconsin District, offi- cial use copies	Low-flow characteristics of streams in the Lake Superior
79-27	PB-299 015		Emery, and F.A. Otradovsky Estimating the gas and dye	79-39		Wisconsin District, offi- cial use copies	Water-table map of Kenosha County, Wisconsin, by M.G. Sherrill and J.J. Schiller
			quantities for modified tracer technique measurements of stream reaeration coefficients, by R.E. Rathbun	79-40		Wisconsin District, offi-	Water-table map of Milwaukee County, Wisconsin, by M.G. Sherrill, J.J. Schiller, and J.R. Erickson
79-28		Mississippi District, offi- cial use copies	The Oligocene aquifer system in Mississippi, by L.A. Gandl	79-41		Wisconsin District, offi-	Water-table map of Racine County, Wisconsin, by M.G.
79-29		Wisconsin District, offi- cial use copies	Red Cedar River basin, Wisconsin, low-flow characteristics, by W.A. Gebert	79-42		cal use copies Wisconsin District, offi-	Sherrill and J.J. Schiller Water-table map of Walworth County, Wisconsin, by M.G.
79-30		Georgia Dis- trict, inspec- tion only	Geohydrology of the Cretaceous aquifer system in Georgia, by L.D. Pollard and R.C. Vorhis	79-43		cal use copies Wisconsin District, official use copies	Sherrill and J.R. Erickson Water-table map of Waukesha County, Wisconsin, by J.B. Gonthier
79-31	PB-299 688		Low-flow characteristics of Wisconsin streams at sewage- treatment plants and industri- al plants, by B.K. Holmstrom	79-44		Wisconsin District, offi- cial use copies	Plan of study for the northern Midwest Regional Aquifer- System Analysis, by W.L. Steinhilber and H.L. Young

1979—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
79-45	PB-300 327		One-dimensional steady-state stream water-quality model, by D.P. Bauer, M.E. Jen- nings, and J.E. Miller	79-55	PB-299 860		Analysis of water-level fluctu- ations of Lakes Winona and Winnemissett: Two landlocked lakes in a karst terrane in Volusia County, Florida, by
79-46	PB-299 876	••••••	Hydrology of major estuaries and sounds of North Carolina, by G.L. Giese, H.B. Wilder,	79-56		Arizona Dis-	G.H. Hughes Maps showing ground-water
79-47	PB-299 868		and G.G. Parker, Jr. Effect on sediment yield and water quality of a nonrehabilitated surface coal mine in north-central Wyoming, by			trict, inspec- tion copy, loan copy available	conditions in the lower Santa Cruz area, Pinal, Pima, and Maricopa Counties, Arizona, 1977, by A.D. Konieczki and C.S. English
			B.H. Ringen, L.M. Shown, R.F. Hadley, and T.K. Hinkley	79-57		Arizona Dis- trict, inspec- tion copy, loan copy	Maps showing ground-water conditions in the Virgin River, Grand Wash, and Shivwits areas, Mohave County, Arizo-
79-48	PB-80 102 700		A facility designed to monitor the unsatruated zone during infiltration of tertiary-treated			available	na, 1976, by G.W. Levings and C.D. Farrar
70.40		V Die	sewage, Long Island, New York, by R.C. Prill, E.T. Oaksford, and J.E. Potori	79-58		Arizona Dis- trict, inspec- tion copy, loan copy	Maps showing ground-water conditions in the Kaibito and Tuba City areas, Coconino and Navajo Counties, Arizona,
79-49	•••••	Kansas District, official	Relation of sediment yield to climatic and physical charac-		available	1978, by C.D. Farrar	
79-50	PB-300 829	use copies	teristics in the Missouri River basin, by P.R. Jordan	79-59		Alaska Dis- trict, loan copy only	Hydrogeologic data for the Eagle River-Chugiak area, Alaska, by Paula Johnson
79-30	PB-300 629		Chemical, physical, and radiological quality of selected public water supplies in Florida, November 1977–February 1978, by G.A. Irwin and R.W. Hull	79-60	PB-300 926		Distribution of nitrate and related nitrogen species in the unsaturated zone, Redlands and vicinity, San Bernardino County, California, by J.M. Klein and W.L. Bradford
79-51		Montana Dis- trict, loan copy only	Water resources of shallow aquifers in the upper Poplar River basin, northeastern Montana, by R.D. Feltis	79-61		Massachusetts District, in- spection only	Coastal flood of February 7, 1978, in Maine, Massachu- setts, and New Hampshire, by
79-52	PB-301 392		Flow routing in the Susque- hanna River basin, Part II: Low-flow frequency charac- teristics of the Susquehanna River between Waverly, New York, and Sunbury, Pennsyl- vania, by D.L. Bingham	79-62		Idaho District official use copies	R.A. Gadoury Thermal ground-water discharge and associated convective heat flux, Bruneau-Grand View area, southwest Idaho, by H.W. Young, R.E. Lewis, and R.L. Backsen
79-53		Kentucky Dis- trict, official use copies, loan copy available	Water in the Elizabethtown area, a study of a limestone terrane in north-central Kentucky, by T.W. Lambert	79-63		Pacific- Northwest District, offi- cial use copies	Environmental features, general hydrology, and external sources of nutrients affecting Wilderness Lake, King County, Washington, by N.P. Dion
79-54		Colorado District, official use copies	Altitude and configuration of the water table and depth to water in the northern High Plains of Colorado, January 1978, by R.G. Borman	79-64	PB-299 859		Quantity and quality of urban runoff from three localities in the Denver metropolitan area, Colorado, by S.R. Ellis and W.M. Alley

1979—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
79-65		Massachusetts District, in- spection only	Chemical quality of ground water on Cape Cod, Massa- chusetts, by M.H. Frimpter and F.B. Gay	79-75	PB-101 306		Saltwater-barrier line in Florida: Concepts, considerations, and site examples, by J.L. Hughes
79-66		Pacific- Northwest District, offi-	Water resources of the Port Gamble Indian Reservation, Washington, by W.E. Lum, II	79-76	PB-300 832		Bibliography of geology and hydrology, eastern New Mexico, by A.F Wright
79-6 7		cial use copies Indiana District, official use copies, loan copy	Gazetteer of coal-mine lakes in southwestern Indiana, by L.L. Bobo	79-77		Tennessee District official use copies, loan copy available	Low-flow hydrology of the Sulphur Fork Red River basin, Robertson County, north- central Tennessee, by C.H. Robbins
79-68		available Arkansas District, loan copy only	Forests and flooding with special reference to the White River and Ouachita River basins, Arkansas, by M.S.	79-78	PB-80 162 951		Sediment discharge in the Santa Clara River basin, Ventura and Los Angeles Counties, California, by R.P. Williams
79-69	PB-301 372		Bedinger A technique for estimating heights reached by the	79-79	PB-300 827		Ground water in the vicinity of Capulin, New Mexico, by D.L. Hart, Jr., and Christian
79-70	PB-301 134		100-year flood on unregulated, nontidal streams in North Carolina, by R.W. Coble Hydrologic data on channel	79-80		Tennessee District official use copies, loan	Smith Potentiometric surface of the Memphis Sand in the Memphis area, Tennessee, August 1978, by D.D.
			adjustments, 1970 to 1975, on the Rio Grande down- stream from Cochiti Dam, New Mexico, by J.D. Dewey, F.E. Roybal, and D.E.	79-81		copy available Pacific- Northwest District, in- spection only	Graham Estimation of floods of various frequencies for the small ephemeral streams in eastern Washington, by W.L. Haushild
79-71		Mississippi District, offi- cial use copies	Funderburg Potentiometric map of Paleozoic aquifer in northeastern Mississippi, October and November 1978, by B.E.	79-82		Pacific- Northwest District, offi- cial use copies	Water resources of the Lower Elwha Indian Reservation, Washington, by K.L. Walters, W.L. Haushild, and L.M. Nelson
79-72		Massachusetts District, in- spection only	Wasson Ground-water availability in parts of the Chicopee and Mill River basins, near Wilbraham, Massachusetts, by D.F. Delaney	79-83	PB-80 201 148		Techniques for estimating magnitude and frequency of floods on rural unregulated streams in New York State excluding Long Island, by T.J. Zembrzuski, Jr., and Bernard Dunn
79-73	PB-80 108 020		Ground water in the San Juan Basin, New Mexico and Colorado, by F.P. Lyford	79-84	ADA-075 141		Estimated drawdowns in the Floridan aquifer due to increased withdrawals, Duval County, Florida, by B.J. Franks and G.G. Phelps
79-74	PB-80 177 256		Use of the STORM model for estimating the quantity and quality of runoff from the metropolitan area of Houston, Texas, by K.M. Waddell, B.C. Massey, and M.E. Jennings	79-85	PB-301 393		Flow routing in the Susque- hanna River basin: Part III, Routing reservoir releases in the Tioga and Chemung Rivers system, Pennsylvania and New York, by J.T. Armbruster

1979—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
79-86	PB-80 300 618		Water-quality conditions in the New River, Imperial County, California, by J.G Setmire	79-97	PB-81 108 409		Limnology of Lago Loiza, Puerto Rico, by Ferdinand Quinones-Marquez
79-87	PB-80 119 860		Water quality of the French Broad River, North Carolina: An analysis of data collected at Marshall, 1958-77, by C.C. Daniel, III, H.B. Wilder, and M.S. Weiner	79-98	PB-80 128 762		Interim data report on the geohydrology of the proposed Waste Isolation Pilot Plant site, southeast New Mexico, by J.W. Mercer and B.R. Orr
79-88	PB-80 175 656		Nonpoint-source discharges in Pequea Creek basin, Pennsyl- vania, 1977, by J.R. Ward and D.A. Eckhardt	79-99	PB-301 175		Probable hydrologic effects of a hypothetical failure of Mackay Dam on the Big Lost River valley from Mackay, Idaho, to the Idaho National
79-89		Florida Dis- trict, inspec- tion only	Water in the Pensacola, Florida, area, by Henry Trapp, Jr.				Engineering Laboratory, by Leroy Druffel, G.J. Stiltner, and T.N. Keefer
79-90		Kentucky District, inspection only	Water resources of the north-central area, Kentucky, by D.S. Muli	79-100	PB-80 149 842		Monthly and annual water budgets of Lake Wingra, Madison, Wisconsin, by R.P. Novitzki and B.K. Holmstrom
79-91	PB-80 201 908		Effect of surface mining on the hydrology of Crooked and Turkey Creek basins in Jefferson County, Alabama, by Celso Puente and J.G.	79-101	PB-80 111 941		Determination of selected anions in water by ion chro- matography, by M.J. Fishman and Grace Pyen
79-92	PB-80 175 631		Newton Evaluation of methods for estimating ground-water withdrawals in western Kansas, by C.H. Baker, Jr.	79-102	PB-80 176 951		Evaluation of a remote hydro- logic data-acquisition sys- tem, west-central Florida, by J.F. Turner, Jr., and W.M. Woodham
79-93		Florida Dis- trict, loan copy available	Urban stormwater data management system with applications to South Florida studies, by R.A. Miller, W.H. Doyle, Jr., and L.D. Wilson	79-105	PB-80 145 899		Hydrologic and related data for water-supply planning in an intensive-study area, north- eastern Wichita County,
79-94	PB-80 128 580		Drinking-water quality and variations in water levels in the fractured crystalline-rock				Kansas, by Jack Kume, L.E. Dunlap, E.D. Gutentag, and J.G. Thomas
			aquifer, west-central Jefferson County, Colorado, by D.C. Hall (U.S. Geological Survey) and C.J. Johnson (Jefferson County Health Department)	79-106	PB-81 123 002		Geohydrology and digital- simulation model of the Far- rington aquifer in the northern coastal plain of New Jersey, by G.M. Farlekas
79-95	PB-300 841		Hydrology and water quality in the Nederlo Creek basin, Wisconsin, before construction of two water-retention structures, by P.A. Kammerer, Jr., and M.G. Sherrill	79-107	PB-80 137 581		Saline-seep development in the Hailstone basin, northern Stillwater County, Montana, by B.D. Lewis, S.G.Custer, and M.R. Miller
79-96	PB-80 122 542 PB-80 122 534		Revision of the documentation for a model for calculating effects of liquid waste disposal in deep saline aquifers, by INTERA Environmental Con- sultants, Inc.	79-108	PB-80 149 834		Water-quality characteristics of streams in forested and rural areas of North Carolina, by C.E. Simmons and R.C. Heath

1979—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
79-109	PB-80 220 809		Water quality in Rhode River at Smithsonian Institution Pier near Annapolis, Maryland, January 1976 through Dec- ember 1978, by R.L. Cory and	80-4	PB-80 177 900		Experimental salinity allevia- tion at Malaga Bend of the Pecos River, Eddy County, New Mexico, by J.S. Havens and D.W. Wilkins
79-110	ADA-082 472		P.V. Dresler River mileages and drainage areas for Illinois streams:	80-5	PB-80 175 441		Water quality of Rogers Lake, Dakota County, Minnesota, by M.R. Have
			Volume 1, Illinois except Illinois River basin, by R.W. Healy	80-6	PB-80 178 205		The potential for developing ground-water supplies in the Pescadero area, San Mateo
79-111	ADA-082 473		River mileages and drainage areas for Illinois streams:				County, California, by J.P. Akers
			Volume 2, Illinois River basin, by R.W. Healy	80-7	ADA-089 782	•••••	Hydrology and model study of the proposed Prosperity reser- voir, Center Creek basin,
79-112	PB-81 171 175	•••••	Estimated water use in Florida, 1977, by S.D. Leach and H.G. Healy				southwestern Missouri, by E.J. Harvey and L.F. Emmett
79-113	PB-80 161 888		Ground-water quality in the upper Santa Ana River basin, southern California, by L.A.	80-8	PB-81 108 904		Analysis of stream quality in the Yampa River basin, Colorado and Wyoming, by D.A. Wentz and T.D. Steele
79-114	ADA-099 337		Eccles Methods and applications of digital-model simulation of the Red River alluvial aquifer, Shreveport to the mouth of the	80-9	PB-80 221 971		Sulfate reduction in ground water of southeastern Mon- tana, by W.S. Dockins, G.J. Olson, G.A. McFeters, S.C. Turbak, and R.W. Lee
79-115	PB-80 176 555		Black River, Louisiana, by A.H. Ludwig and J.E. Terry Seepage from a water-supply canal, Indianapolis, Marion County, Indiana, by William Meyer	80-10	PB-81 103 889		Investigation of acidity and other water-quality characteristics of Upper Oyster Creek, Ocean County, New Jersey, by T.V. Fusillo, J.C. Schornick, Jr., H.E. Koester, and D.A. Harriman
1980				80-11	PB-81 115 768		Digital-simulation and projec- tion of head changes in the
80-1	PB-80 198 641		Calibration of distributed routing rainfall-runoff model at				Potomac-Raritan-Magothy aquifer system, coastal plain, New Jersey, by J.E. Luzier
			four urban sites near Miami, Florida, by W.H. Doyle, Jr., and J.E. Miller	80-12	PB-81 210 791		Water quality of Tampa Bay, Florida, June 1972–May 1976, by C.L. Goetz and C.R. Goodwin
80-2	PB-81 132 896		Development of a digital model of ground-water flow in deeply weathered crystalline rock, Chester County, Pennsylvania, by L.J. McGreevy and R.A. Sloto	80-13	PB-80 200 553		Chemical, physical, and radiological quality of selected public water supplies in Florida, January-May 1979, by B.J. Franks and G.A. Irwin
80-3	PB-81 105 645		Baseline water quality of Schmidt, Hornbeam, and Horseshoe Lakes, Dakota County, Minnesota, by G.A. Payne	80-14	PB-80 226 095		A comparison of analog and digital modeling techniques for simulating three-dimensional ground-water flow on Long Island, New York, by T.E. Reilly and A.W. Harbaugh

1980—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
80-15	PB-81 132 938		Water resources of the Makah Indian Reservation, Washing- ton, by N.P. Dion, K.L. Walters, and L.M. Nelson	80-27	PB-80 201 775		Effects of urban runoff and wastewater effluent on Wilsons Creek and James River near Springfield,
80-16	PB-80 201 023		Plan of study for the northern Atlantic coastal plain Regional Aquifer System Analysis, by Harold Meisler	80-29	PB-81 151 649		Missouri, by W.R. Berkas Model evaluation of the hydrogeology of the Morris Bridge well field and vicinity
80-17	ADA-089 495		Technique for estimating the magnitude and frequency of floods in the Houston, Texas,				in west-central Florida, by P.D. Ryder, D.M. Johnson, and J.M. Gerhart
00.40			metropolitan area, by Fred Liscum and B.C. Massey	80-30	PB-81 112 930		Extension of transient-flow model of the Sacramento River at Sacramento, California, by
80-18	Superseded by Paper 2077, a Books and Open	vailable from	Ground water in the Piedmont upland of central Maryland, by C.A. Richardson	80-31	PB-81 123 259		R.N. Oltmann
80-19	PB-80 193 642		Comparison of tracer methods and predictive equations for determination of stream- reaeration coefficients on three small streams in Wisconsin, by R.S. Grant and Steven Skavroneck	80-31	PB-61 123 239		Computer-model analysis of the use of Delaware River water to supplement water from the Potomac-Raritan- Magothy aquifer system in southern New Jersey, by A.W. Harbaugh, J.E. Luzier, and Flavian Stellerine
80-20	PB-80 199 961		Bibliography of geology and hydrology, southwestern New Mexico, by A.F. Wright	80-32	PB-81 153 736		Using channel geometry to estimate flood flows at ungaged sites in Idaho, by W.A. Harenberg
80-21	PB-81 188 450		Nitrogen in ground water and surface water in sewered and unsewered areas, Nassau County, Long Island, New York, by S.E. Ragone, B.G. Katz, G.E. Kimmel, and J.B. Lindner	80-33	PB-81 225 518		Ground-water hydrology of the Dade City area, Pasco County, Florida, with empha- sis on the hydrologic effects of pumping from the Floridan aquifer, by C.H. Tibbals,
80-22	PB-81 104 754		Hydrology of selected basins in the Warrior coal field,				Warren Anderson, and C.P. Laughlin
			Alabama: A progress report, by Celso Puente, J.G. Newton, and T.J. Hill	80-34	PB-80 226 038		Ground-water availability near Fort Wayne, Allen County, Indiana, by Michael Planert
80-23	PB-80 197 593		The effects of using ground water to maintain water levels of Cedar Lake, Wisconsin, by R.S. McLeod	80-35	PB-80 221 989		Water-quality assessment of the Cypress Creek watershed, Warrick County, Indiana, by L.L. Bobo and C.A. Peters
80-24	PB-81 202 384		Cross sections of the Hudson River estuary from Troy to New York City, New York, by D.A. Stedfast	80-36	B-80 222 896		Water quality of the Neuse River, North Carolina: Varia- bility, pollution loads, and long-term trends, by D.A.
80-25	PB-81 103 590	•••••	Aquifer tests in the Gallup sandstone near Yah-ta-hey, New Mexico, by J.S. McLean	80-37	ADA-103 576		Harned The quality of water discharg-
80-26	PB-81 113 243		Geology and ground water in north-central Santa Cruz County, California, by M.J. Johnson	·			ing from the New River and Clear Fork basins, Tennessee, by R.S. Parker and W.P. Carey

1980—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
80-38	PB-81 124 760		Calibration and potential uses of a digital water-quality model for the Arkansas River in Pueblo County, Colorado, by K.E. Goddard	80-50	PB-81 216 806		Kriging analysis of mean annual precipitation, Powder River basin, Montana and Wyoming, by M.R. Karlinger and J.A. Skrivan
80-39			Simulated water-level declines near Marienthal, west-central Kansas, by L.E. Dunlap	80-51	PB-81 144 545		Nutrient yield of the Apalachi- cola River flood plain, Florida: Water-quality assessment plan, by H.C. Mattraw, Jr., and J.F.
80-40	PB-80 226 020		Statistical analysis of surface- water-quality variables in the coal area of southeastern Montana, by J.R. Knapton and R.F. Ferreira	80-52	PB-81 105 652		Elder Dissolved-solids concentrations and loans in return flows to the Colorado River from
80-41	PB-81 120 859		Streamflow characteristics of the Yellowstone River basin, Montana, through 1976, by				agricultural land in southern California, by J.M. Klein and W.L. Bradford
80-42	PB-80 226 095		L.G. Moore and R.R. Shields A comparison of analog and digital modeling techniques for simulating three-dimensional ground-water flow on Long	80-53	PB-81 121 337		Effects of strip mining the abandoned deep Anna S Mine on the hydrology of Babb Creek, Tioga County, Penn- sylvania, by L.A. Reed
80-43	PB-80 227 895		Island, New York, by T.E. Reilly and A.W. Harbaugh A statistical analysis of the quality of surface water in Nebraska, by R.A. Engberg	80-54	PB-81 239 428		Appraisal of hydrologic information needed in anticipation of lignite mining in Lauderdale County, Tennessee, by W.S. Parks
80-44 80-45	PB-81 115 776 PB-81 109 902		Evaluation of selected dambreak flood-wave models by using field data, by L.F. Land An analysis of the magnitude	80-55	PB-81 203 366		Permeability of covers over low-level radioactive-waste burial trenches, West Valley, New York, by D.E. Prudic
00 43	11 01 107 702		and frequency of floods on Oahu, Hawaii, by R.H. Nakahara	80-57	PB-80 224 124		Use of geophysical logs to estimate water-quality trends in carbonate aquifers, by L.M.
80-46	PB-80 227 887		Hydrologic analysis of the pro- posed Badger-Beaver Creeks artificial-recharge project, Morgan County, Colorado, by A.W. Burns	80-58	ADA-094 303		MacCary Effects of the rate of releases from Sam Rayburn Reservoir on the aeration capacity of the
80-47	PB-81 228 751		Preliminary investigation of a shallow ground-water flow system associated with				Angelin River, eastern Texas, by Jack Rawson, R.L. Goss, and I.G. Rathbun
			Connetquot Brook, Long Island, New York, by K.R. Prince	80-59	PB-81 157 034		A water-quality monitoring network for Vallecitos Valley, Alameda County, California, by C.D. Farrar
80-48	PB-81 117 004		Distribution of nitrate in the unsaturated zone, Highland-East Highlands area, San Bernardino County, California, by J.M. Klein and W.L. Bradford	80-60	PB-81 210 155		Evaluation of a cavity-riddled zone of the shallow aquifer near Riviera Beach, Palm Beach County, Florida, by J.N. Fischer, Jr.
80-49	PB-80 225 006		Reconnaissance snow survey of the National Petroleum Reserve in Alaska, April-May 1979, by W.J. Glude and C.E. Sloan	80-61	PB-80 226 962		Water-resources reconnais- sance of St. Paul Island, Pribilof Islands, Alaska, by A.J. Feulner

1980—Continued

WRIR#	NTIS #	USGS	Title, author	WRIR#	NTIS #	USGS	Title, author
		availability	Title, author		11110 #	availability	Tito, audioi
80-62	PB-81 128 449		Three-dimensional digital- computer model of the Ferron sandstone aquifer	80-74	PB-81 161 630		Preliminary analysis of regional-precipitation periodic- ity, by C.A. Perry
00.63	DD 01 112 025		near Emery, Utah, by D.J. Morrissey, G.C. Lines, and S.D. Bartholoma	80-75	PB-81 205 668		Water-quality assessment of the Merced River, California, in the 1977 water year, by S.K. Sorenson and R.J.
80-63	PB-81 113 235	***************************************	Ground water in the Thousand Oaks area, Ventura County, California, by J.J. French	80-76	PB-81 125 023		Hoffman Simulation of water-quality
80-64	PB-81 118 622		Sediment transport of streams tributary to San Francisco, San Pablo, and Suisun Bays, California, 1909-66, by	80-70	TB-61 123 023		data at selected stream sites in the Missouri River basin, Montana, by J.R. Knapton and M.A. Jacobson
80-65	PB-81 118 614		George Porterfield Saline water at the base of the	80-77	PB-81 130 676		Chemical quality of water from community systems in New York, November 1970 to
			glacial-outwash aquifer near Vincennes, Knox County, Indiana, by R.J. Shedlock				May 1975, compiled by R.H. Cartwright and J.A. Ziarno
80-66	PB-81 119 943		Water quality of four lakes in Lakeville, Minnesota, by L.H. Tornes and M.R. Have	80-78	PB-81 113 888	,	Water-quality monitoring of three major tributaries to the Chesapeake Bay: Interim data report, by D.J. Lang and
80-67	PB-81 126 765		Physical environment and hydrologic characteristics of coal-mining areas in Missouri, by J.E. Vaill and J.H. Barks	80-79	ADA-095 542		David Grason Preimpoundment water quality of the Wild Rice River, Norman County, Minnesota,
80-68	PB-81 202 202		The effects of highway construction on sediment discharge into Blockhouse Creek and Steam Valley Run, Pennsylvania, by R.A. Hainly	80-80	PB-81 136 145		by L.H. Tornes Techniques for estimating flood peaks, volumes, and hydrographs on small streams in South Dakota, by L.D. Becker
80-70	PB-81 159 451		Quality of urban runoff, Tecolote Creek drainage area, San Diego County, California, by J.G. Setmire and W.L. Bradford	80-81	PB-81 159 949		Chemical and physical characteristics of precipitation at selected sites in Florida, by G.A. Irwin and R.T. Kirkland
80-71	PB-81 154 932		Effects of urbanization on the water quality of lakes in Eagan, Minnesota, by M.A. Ayers, G.A. Payne, and M.R. Have	80-82	PB-81 227 340		Waste-assimilation capacity of the Arkansas River in Pueblo County, Colorado, as it relates to water-quality guidelines and stream classification, by D.L. Cain, Duaina Baldridge, and
80-72	PB-81 121 345		Calibration and testing of selected portable flowmeters for use on large irrigation sys- tems, by R.R. Luckey, F.J. Heimes, and N.G. Gaggiani	80-83	PB-81 224 321		P.R. Edelmann Effects of a cattle feedlot on ground-water quality in the South Platte River Valley near Greeley, Colorado, by R.G. Borman
80-73	PB-81 207 466		Results and evaluation of a pilot primary monitoring network, San Francisco Bay, California, 1978, by W.L. Bradford and R.T. Iwatsubo	80-84	PB-81 168 759		Seawater intrusion and potential yield of aquifers in the Soquel-Aptos area, Santa Cruz County, California, by K.S. Muir

1980—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
80-85			Water resources of upper Separation Creek basin, south-central Wyoming, by L.R. Larson and E.A. Zimmerman	80-96	PB-81 167 801		PHREEQE: A computer program for geochemical calculations, by D.L. Parkhurst, D.C. Thorstenson, and L.N. Plummer. NOTE: Should be accompanied by WRIR
80-86	PB-81 219 610		Variations in climatic characteristics as related to evapotranspiration in South Park, central Park County, Colorado, by N.E. Spahr				83-4236, PHRQINPT: An interactive computer program for constructing input data sets to the geochemical simulation program PHREEQE (available from Books and Open-File
80-87	PB-81 156 242		Evaluation of peak-flow data network of small streams in Missouri, by L.D. Hauth	80-97	PB-81 216 632		Reports) Characterization of floodflows
80-88	PB-81 152 621		Effects of the proposed Prosperity Reservoir on ground water and water quality in lower Center Creek basin, Missouri, by W.R. Berkas and J.H. Barks				along the Arkansas River without regulation by Pueblo Reservoir, Portland to John Martin Reservoir, southeastern Colorado, by J.R. Little and D.P. Bauer
80-89	PB-81 156 234		Geothermal gradients in the Missoula and Bitterroot Valleys, west-central Montana, by R.B. Leonard and W.A. Wood	80-98	PB-81 203 291		Effects of storm runoff on water quality in the Mill Creek drainage basin, Willingboro, New Jersey, by J.C. Schornick, Jr., and D.K. Fishel
80-90	PB-81 221 467		Geology and hydrology for environmental planning in Marquette County, Michigan, by F.R. Twenter	80-99	PB-81 203 481		Hydrologic setting of wetlands in the Cottonwood Lake area, Stutsman County, North Dakota, by T.C. Winter and M.R. Carr
80-91	PB-81 188 013		Geohydrology and model anal- ysis for water-supply manage- ment in a small area of west-central Kansas, by L.E. Dunlap, Jack Kume, and J.G. Thomas	80-100	PB-81 164 584		Appraisal of the water resources of the Big Sioux aquifer, Brookings, Deuel, and Hamlin Counties, South Dakota, by N.C. Koch
80-92			Geohydrology of the Delta- Clearwater area, Alaska, by D.E. Wilcox	80-101	PB-81 205 635		Ground water in the Springfield-Salem plateaus of southern Missouri and northern Arkansas, by E.J. Harvey
80-93	PB-81 207 094		Investigation of artificial recharge of aquifers in Nebraska, by W.F. Lichtler, D.I. Stannard, and Edwin Kouma	80-102	PB-81 207 680		Relation between freshwater flow and salinity distributions in the Alafia River, Bullfrog Creek, and Hillsborough Bay, Florida, by R.F. Giovannelli
80-95	ADA-099 019		Potential effects of increased ground-water pumpage on Barka Slough, San Antonio Creek valley, Santa Barbara County, California, by M.J. Mallory	80-103	PB-81 202 376		Considerations for monitoring water quality of the Schenectady aquifer, Schenectady County, New York, by R.V. Allen and R.M. Waller

1980—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
80-104	PB-81 205 650		Data-base system for northern Midwest Regional Aquifer- System Analysis, by A.L. Kontis and R.J. Mandle	80-115	PB-81 221 459		Flood of August 31-September 1, 1978, in Crosswicks Creek basin and vicinity, central New Jersey, by A.A. Vickers
80-105	PB-81 202 400		Comparison of the propanearea tracer method and predictive equations for determination of stream-reaeration coefficients on two small streams in Winconsin, by L.B.	80-116	PB-81 225 765		User's guide for a general purpose dam-break flood simulation model (K-634), by L.F. Land
80-106	PB-81 203 473		House and Steven Skavroneck A technque for estimating flood heights on small streams in the City of Charlotte and Mecklenburg County, North Carolina, by W.H. Eddins and N.M. Jackson, Jr.	80-117	PB-81 221 533		Flow routing in the Susque- hanna River basin: Part IV— Routing reservoir releases in the eastern Susquehanna River basin in New York, by T.J. Zembrzuski, Jr.
80-107 80-108	PB-81 157 026 PB-81 249 740		Hydrologic effects of proposed changes in management practices, Winnebago Pool, Wisconsin, by W.R. Krug	80-118	PB-81 221 384		Hydrogeology, estimated impact, and regional well monitoring of effects of subsurface wastewater injection, Tampa Bay area, Florida, by
60-106	rb-61 249 740		Relationship of water quality of Hudson River, New York, during peak discharges to geologic characteristics of con- tributing subbasins, by J.T. Turk and D.E. Troutman	80-119	PB-82 131 483		J.J. Hickey Simulated interactions between the proposed narrows reservoir and the water-table aquifer along the South Platte River,
80-109	PB-81 205 676		Ground-water quality along the Mojave River near Bar- stow, California, 1974-79, by L.A. Eccles	80-120	PB-83 151 431		Morgan County, Colorado, by A.W. Burns Preliminary projections of the
80-110	PB-81 206 591		Quality of surface water in the Suwannee River basin, Florida, August 1968 through December 1977, by R.W.				effects of chloride-control structures on the Quarternary aquifer at Great Salt Plains, Oklahoma, by J.E. Reed
80-111	PB-81 205 270		Hull, J.E. Dysart, and W.B. Mann IV Evaluating methods for determining water use in the High Plains in parts of Colorado,	80-164		Florida District, inspection only	Seasonal and annual variations in the potentiometric surface of the Floridan aquifer in Duval County, Florida, 1960–77, by G.W. Leve
			Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming, 1979, by F.J. Heimes and R.R. Luckey	80-571		not available	Cape Cod Aquifer, Cape Cod, Massachusetts, by B.J.
80-112	PB-81 224 313		Rainfall-runoff modeling and preliminary regional flood characteristics of small rural watersheds in the Arkansas	1981 81-1	ADA-101 909		Preimpoundment water quality
80-114	PB-82 114 307		River basin in Colorado, by R.K. Livingston Use of flow-duration curves to				in the Tioga River basin, Pennsylvania and New York, by J.R. Ward
oU-114	rD-82 114 3U/		evaluate effects of urbanization on streamflow patterns on Long Island, New York, by K.R. Prince	81-2	PB-81 225 757		Temperature and solute- transport simulation in stream- flow using a Lagrangian refer- ence frame, by H.E. Jobson

1981—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
81-3	PB-81 202 350		Land application of domestic wastewater in Florida: Statewide assessment of impact on ground-water quality, by B.J. Franks	81-16	PB-81 238 479		Effects of coal fly-ash disposal on water quality in and around the Indiana Dunes National Lakeshore, Indiana, by M.A. Hardy
81-4	PB-81 215 519		Hydrogeology of the Buffalo aquifer, Clay and Wilkin Counties, west-central Min-	81-17	PB-82 192 980		Water use in Ohio, 1975, by R.M. Hathaway and C.M. Eberle
81-5	PB-81 216 798		nesota, by R.J. Wolf Extraction and analysis of adenosine triphosphate from aquatic environments, by	81-18	PB-81 226 854		Stream-temperature patterns of the Muddy Creek basin, Anne Arundel County, Maryland, by E.J. Pluhowski
			D.W. Stephens and D.J. Shultz	81-19	PB-82 207 390		Water-quality characteristics of six small, semiarid water-
81-6	PB-81 225 021		Assessment of the Santa Margarita Sandstone as a source of drinking water for the Scotts				sheds in the Green River coal region of Colorado, by J.T. Turk and R.S. Parker
81-7	PB-81 225 039		Valley area, California, by K.S. Muir Ground-water potential of the	81-20	ADA-105 363		Sediment transport in the Tanana River near Fairbanks, Alaska, 1977-79, by R.L.
			glacial deposits near Logan- sport, Cass County, Indiana,				Burrows, W.W. Emmett, and Bruce Parks
81-8	PB-82 138 751		by D.C. Gillies Selected hydrologic relationships for Soldier Creek, north-	81-21	PB-81 223 752		Hydrologic reconnaissance near Fourth of July Creek, Seward, Alaska, by G.L. Nelson
			eastern Kansas, by W.J. Carswell, Jr.	81-22	PB-82 244 492		Water-quality assessment of the Smith River drainage
81-9	PB-81 249 757		Polychlorinated biphenyl transport in the Hudson River, New York, by J.T. Turk and				basin, California and Oregon, by R.T. Iwatsubo and D.S. Washabaugh
81-10	PB-81 225 484		D.E. Troutman Diel oxygen variations in	81-23	PB-82 119 595		Stormwater-quality processes for three land-use areas in Broward County, Florida, by
			the Rhode River estuary, Maryland, 1970–1978, by R.L. Cory and P.V. Dresler				H.C. Mattraw, Jr., and R.A. Miller
81-11		Florida District, official use copies	Water-resources investigation for the Withlacoochee River region, west-central Florida,	81-24	PB-81 249 328		Hydrogeologic setting of the glacial Lake Agassiz peatlands, northern Minnesota, by D.I. Siegel
81-12	PB-82 102 559		by R.A. Smoot Digital model of the unconsolidated aquifer system in the	81-25	PB-82 115 460		Multi-saline sample distillation apparatus for hydrogen isotope analyses design and accuracy, by A.A. Hassan
			Modesto area, Stanislaus and San Joaquin Counties, Califor- nia, by C.J. Londquist	81-26	PB-82 124 330		Chemical quality of ground water in San Joaquin and part
81-13	PB-82 106 089	••••••	An observation-well network as applied to North Carolina,	a			of Contra Costa Counties, California, by S.K. Sorenson
81-14	PB-81 239 477		by M.D. Winner, Jr. The surficial aquifer in east-	81-27	PB-82 124 850	•••••	Impact of suburban residential development on water re- sources in the area of Winslow
			central St. Johns County, Florida, by E.C. Hayes				Township, Camden County, New Jersey, by T.V. Fusillo

1981—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
81-28	PB-82 215 039		Characterization of urban runoff from Grange Hall Creek at Northglenn, Adams County, Colorado, by D.C.	81-38	PB-82 137 688		Effect of irrigation pumping of the ground-water system in Newton and Jasper Counties, Indiana, by M.P. Bergeron
81-29	PB-81 245 870		Analysis of stream-aquifer system interrelationships in the Big and Little Blue River basins in Gage and Jefferson Counties, Nebraska, by M.J.	81-39	PB-82 240 250		Water type and suitability of Oklahoma surface waters for public supply and irrigation: Part 2, Salt Fork Arkansas and Cimmarron River basins through 1978, by J.D. Stoner
81-30		Colorado District, official use copies	Ellis Reservoir-development impacts of surface-water quantity and quality in the Yampa River basin, Colorado and Wyoming, by D.B. Adams, D.P.	81-40	PB-82 198 235		Water quality of Alimagnet, Farquar, and Long Lakes in Apple Valley, Minnesota, by M.R. Have, G.A. Payne, and M.A. Ayers
			Bauer, R.H. Dale, and T.D. Steele	81-41	PB-82 123 068		Limnological and geochemical survey of Williams Lake,
81-31	PB-81 227 910	•••••	Chemical, physical, and radio- logical quality of selected pub- lic water supplies in Florida,				Hubbard County, Minnesota, by J.W. LaBaugh, G.E. Groschen, and T.C. Winter
01.22	DD 01 247 100		February-April 1980, by B.J. Franks and G.A. Irwin	81-42	PB-82 177 965		Reconnaissance samplings and characterization of aquatic
81-32	PB-81 247 199		Streamflow characteristics of the Hudson Bay and upper Missouri River basins, Mon- tana, through 1979, by R.R. Shields and M.K. White				humic substances at the Yuma desalting test facil- ity, Arizona, by R.L. Mal- colm, R.L. Wershaw, E.M. Thurman, G.R. Aiken, D.J.
81-33	PB-82 138 835		Water type and suitability of Oklahoma surface waters for public supply and irrigation: Part 1, Arkansas River main- stem and Verdigris, Neosho, and Illinois River basins through 1978, by J.D. Stoner	81-43	PB-82 237 637		Pinckney, and J. Kaakinen Saline ground-water discharge to the Smoky Hill River between Salina and Abilene, central Kansas, by J.B. Gillespie, U.S. Geological Survey, and G.D. Hargadine,
81-34	PB-82 102 583		Potential effects of urbaniza- tion on peak flows in Rattles- nake Creek, Missoula County,	81-44	PB-82 195 744		Kansas Water Office Erodibility of selected soils
81-35	PB-82 109 844		Montana, by Charles Parrett Ground-water resources of the White River basin, Madison				and estimates of sediment yields in the San Juan Basin, New Mexico, by R.M. Summer
81-36	PB-82 153 610		County, Indiana, by W.W. Lapham Results of hydrologic tests and	81-45	PB-82 263 385		Evapotranspiration of applied water, Central Valley, California, 1957-78, by A.K.
			water-chemistry analyses, wells H-4A, H-4B, and H-4C at the proposed Waste Isolation Pilot Plant site, southeastern New Mexico, by J.W. Mercer, Paul Davis, K.F.	81-46	PB-82 201 575		Williamson An appraisal of surface-water quality in the Alameda Creek basin, California, October 1974-June 1979, by L.E.
81-37	PB-82 224 213		Dennehy, and C.L. Goetz Hydrology of the Prairie Dog Creek drainage basin, Rosebud and Big Horn Counties, Montana, by N.E. McClymonds	81-47	PB-82 139 957		Lopp Survey of selected organic compounds in aquifers of New York State, excluding Long Island, by R.W. Schroeder and D.S. Snavely

1981—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
81-48	PB-82 257 577		Base flow of streams on Long Island, New York, by R.J. Reynolds	81-60	PB-83 124 651		Geology and ground-water resources of Oswego County, New York, by T.S. Miller
81-49	PB-82 204 058		Evaluation of rainfall-runoff data network, Rockland County, New York, by Richard Lumia	81-61	PB-82 137 696		Mean annual streamflow of selected drainage basins in the coal area of southeastern Mon- tana, by R.F. Ferreira
81-50	PB-82 185 141		Sinkhole development resulting from ground-water withdrawal in the Tampa area, Florida, by W.C. Sinclair	81-62	PB-82 201 211		Hydrology of Salt Wells Creek: A plains stream in southwestern Wyoming, by H.W. Lowham, L.L. DeLong, K.R. Collier, and E.A.
81-51	PB-82 215 534		Designation of principal water- supply aquifers in Minnesota, by D.G. Adolphson, J.F.	81-64	PB-82 117 771		Zimmerman Modeled impacts of surface
81-52	PB-82 215 757		Ruhl, and R.J. Wolf Water-quality assessment of Steiner Branch basin,				coal mining on dissolved solids in the Tongue River, southeastern Montana, by P.F. Woods
			Lafayette County, Wisconsin, by S.J. Field and R.A. Lidwin	81-65		Reston,	Results of a reconnaissance
81-53	PB-82 197 369		Hydrologic and chemical evalution of the ground-water resources of northwest Elkhart County, Indiana, by T.E. Imbrigiotta and Angel Martin, Jr.			Virginia, Library, in- spection only	water-quality sampling program of the Ogallala aquifer in Colorado, Kansas, Nebraska, Oklahoma, South Dakota, and Texas, by G.L. Feder and N.C. Krothe
81-54	PB-82 245 804		Digital model of predevelopment flow in the Tertiary limestone (Floridan) aquifer system in west-central Florida, by P.D. Ryder	81-66	PB-82 215 047		Effect of snowmelt on the quality of Filson Creek and Omaday Lake, northwestern Minnesota, with a section on Preliminary evaluation of
81-55	PB-83 110 007		Flow model of the Hudson River estuary from Albany to New Hamburg, New York, by D.A. Stedfast				methods for determination of sulfate concentrations in precipitation and other dilute solutions, by D.I. Siegel
81-56 81-57	PB-82 168 402 PB-82 133 448		Hydrologic reconnaissance of the Beluga, Peters Creek, and Healy coal areas, Alaska, by D.R. Scully, A.P. Krumhardt, and D.R. Kernodle Borehole data-collection	81-67	PB-83 196 022		An engineering economic analysis of artificial recharge in a conjunctive irrigation plan in the Columbia Basin Project, by M.R. Karlinger and A.J. Hansen, Jr.
G1- <i>31</i>	115-62-133-446		methods applicable for the regional observation and monitor well program, South- west Florida Water Manage-	81-68	PB-83 109 454		Floods in Maine, April-May 1979, by R.A. Fontaine and C.R. Haskell
			ment District, by J.J. Hickey	81-69	PB-82 204 025		Sedimentation in the East
81-58	PB-82 129 115		Geohydrologic reconnaissance of the Crofton unit, north- eastern Nebraska, by S.J. Kent, R.A. Engberg, and M.J. Ellis				Branch Mahoning Creek basin, Clearfield and Jefferson Counties, Pennsylvania, June 1979 to June 1980, by K.L. Wetzel
81-59	PB-82 176 520		Effects of land use on surface- water quality in the east Ever- glades, Dade County, Florida, by B.G. Waller		AND	Florida Dis- trict, inspec- tion only	Low-flow frequency data for selected stream gaging stations in Florida, by G.H. Hughes

1981—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
81-70	PB-82 142 852		Two-dimensional ground- water flow model of the Cretaceous aquifer system of Lee County and vicinity, Mississippi, by J.M. Kernodle	81-82	PB-82 185 760		Streamflow characteristics of the upper Columbia River basin, Montana, through 1979, by S.D. Waltemeyer and R.R. Shields
81-71	PB-82 207 416		Streamflows and channels of the Green River basin, Wyoming, by H.W. Lowham	81-83	ADA-114 818		Quality of surface water before implementation of a flood- control project in Chaska, Minnesota, by L.H. Tornes
81-72	PB-82 215 898		Sediment transport and source areas of sediment and runoff, Big Sandy River basin, Wyoming, by J.E. Kircher	81-84	PB-82 229 675		Water-quality and hydrogeo- logic data for three phosphate industry waste-disposal sites in
81-73	PB-82 204 892		A stormwater management model for the West Branch Brandywine Creek, Chester County, Pennsylvania, by R.A. Sloto	1982			central Florida, 1979-1980, by R.L. Miller and Horace Sutcliffe, Jr.
81-74	PB-83 218 396		Water resources of Manatee County, Florida, by D.P. Brown	82-1		South Carolina District inspection	Techniques for estimating magnitude and frequency of floods in South Carolina
81-75	PB-82 193 004		Results of deep-well injection testing at Mulberry, Florida, by J.J. Hickey and W.E. Wilson	82-2	PB-82 238 361	only	(1975), by B.H. Whetstone Quality of streams in the Bull Mountains region, south- central Montana, by J.R.
81-76	PB-82 201 732		An emipirical method for determining average soil infiltration rates and runoff, Powder River structural basin, Wyoming, by J.G. Rankl	82-3	PB-82 194 960		Knapton Assessment of water quality in canals of eastern Broward County, Florida, 1969-74, by
81-78	PB-82 211 988		Automation of an ion chromatograph for precipitation analysis with computerized data reduction, by A.G. Hedley and M.J. Fishman	82-4	PB-82 241 118		B.G. Waller and W.L. Miller Appraisal of ground-water quality near wastewater- treatment facilities, Glacier National Park, Montana, by
81-79	PB-82 218 371		Hydrologic characteristics and possible effects of surface min-				J.A. Moreland and W.A. Wood
			ing in the northwestern part of west branch Antelope Creek basin, Mercer County, North Dakota, by M.E. Crawley and D.G. Emerson	82-5	PB-82 200 726		One-dimensional reservoir- lake temperature and dissolved-oxygen model, by L.B. House
81-80	PB-83 107 029		Water type and suitability of Oklahoma surface waters for public supply and irriga- tion: Part 3, Canadian, North Canadian, and Deep Fork River basins through 1979,	82-6	PB-82 257 288		Methodologies for extraction of dissolved inorganic carbon for stable carbon isotope studies: Evaluation and alter- natives, by A.A. Hassan
81-81	PB-82 192 345		by J.D. Stoner Algal conditions in the Caloosahatchee River (1975-79), Lake Okeechobee to Franklin Lock, Florida, by B.F. McPherson and H.R. LaRose	82-8	PB-83 104 042		Results of hydrologic tests and water-chemistry analyses, wells H-6A, H-6B, and H-6C at the proposed Waste Isola- tion Pilot Plant site, south- eastern New Mexico, by K.F. Dennehy

1982—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
82-9		Oklahoma District, offi- cial use copies	Water type and suitability of Oklahoma surface waters for public supply and irrigation: Part 4, Red River mainstem and north fork Red River through 1979, by J.D. Stoner	82-19	PB-82 263 641		Results of hydrologic tests and water-chemistry analyses, wells H-5A, H-5B, and H-5C at the proposed Waste Isolation Pilot Plant site, southeastern New Mexico, by K.F.
82-10	PB-83 149 229		Ground water in the Seaside area, Monterey County, California, by K.S. Muir	82-20	PB-82 199 852		Dennehy and J.W. Mercer Areal extent of a plume of mineralized water from a flow-
82-11	PB-82 255 555		Nitrate-nitrogen concentra- tions in ground water from three selected areas in Kansas,				ing artesian well in Dade County, Florida, by B.G. Waller
82-12	PB-82 204 041		by T.B. Spruill Sulfur isotopic composition and water chemistry in water	82-21	PB-83 202 002		Evaluation of the streamflow-data program in Pennsylvania, by H.N. Flippo, Jr.
			from the High Plains aquifer, Oklahoma panhandle and southwestern Kansas, by N.C. Krothe and J.W. Oliver	82-22	PB-82 218 793		A technique for estimating time of concentration and storage coefficient values for Illinois streams, by J.B. Graf, George Garklavs, and K.A.
82-13	PB-82 219 320		Time of concentration and storage coefficient values for Illinois streams, by J.B. Graf, George Garklavs, and K.A. Oberg	82-23	PB-83 130 146		Oberg Effects of a floodwater- retarding structure on the hydrology and ecology of
82-14	PB-82 255 902		BALANCE: A computer program for calculating mass transfer for geochemical reac-				Trout Creek in southwestern Wisconsin, by D.A. Wentz and D.J. Graczyk
			tions in ground water, by D.L. Parkhurst, L.N. Plummer, and D.C. Thorstenson	82-24	PB-82 264 953		Techniques for estimating flood discharges for un- regulated streams in New Mexico, by R.P. Thomas and
82-15	PB-82 195 280		Organic solutes in ground water at the Idaho National Engineering Laboratory, by	82-25	PB-82 204 066		R.L. Gold Evaluation of a predictive
82-16	PB-83 118 281		J.A. Leenheer and J.C. Bagby Hydrologic characteristics of surface-mined land reclaimed by sludge irrigation, Fulton County, Illinois, by G.L.				ground-water solute-transport model at the Idaho National Engineering Laboratory, Idaho, by B.D. Lewis and F.J. Goldstein
			Patterson, R.F. Fuentes, and L.G. Toler	82-26	PB-82 226 218		Streamflow and water-quality conditions, Wilsons Creek and James River, Springfield area,
82-17	PB-82 224 197		The Benchmark Farm Program: A method for estimating irrigation water use in	82-27	PB-82 255 985		Missouri, by W.R. Berkas Water information for north-
92.10	DD 92 110 466		southwest Florida, by A.D. Duerr and J.T. Trommer	62-27	TD-02 233 903		western Missouri: A planning document, by John Skelton, E.J. Harvey, and D.E. Miller
82-18	PB-82 119 466		Techniques for estimating the magnitude and frequency of floods in the Dallas-Fort Worth metropolitan area, Texas, by L.F. Land, E.E. Schroeder, and B.B. Hampton	82-28	PB-82 237 009		U.S. Geological Survey standard reference water samples for pesticides, by M.J. Fishman, L.C. Friedman, and D.K. Boyle

1982—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS # USGS availability	Title, author
82-29		Oklahoma District, offi- cial use copies	Water type and suitability of Oklahoma surface waters for public supply and irrigation: Part 5, Washita River basin through 1979, by J.D. Stoner	82-40	PB-82 245 796	ical irrigation requirements from ground water in the High Plains in parts of Colorado, Kansas, Nebraska, New
82-30	PB-83 205 070		Hydrogeology of a landfill, Pinellas County, Florida, by M. Fernandez, Jr.			Mexico, Oklahoma, South Dakota, Texas, and Wyoming, by F.J. Heimes and R.R. Luckey
82-31	PB-82 237 470		Magnitude and frequency of floods from selected drainage basins in South Dakota, by L.D. Becker	82-41	PB-83 155 614	package, by L.A. Rasmussen
82-32	PB-82 238 593		Water quality of the three major tributaries to the Chesapeake Bay, the Susquehanna, Potomac, and James Rivers, January 1979-April 1982, by D.J. Lang	82-42	PB-83 171 884	Magnitude and frequency of flooding on small urban watersheds in the Tampa Bay area, west-central Florida, by J.A. Lopez and W.M. Woodham
82-33	PB-82 232 554		Floods of May 1981 in west- central Montana, by Charles Parrett, R.J. Omang, J.A. Hull, and J.W. Fassler	82-44	See OP-1096 in 1983 index publications; not availab from U.S.Geological Survey	of Preliminary evaluation of the e ground-water flow system in the Twin Cities metro- politan area, Minnesota, by
82-34	PB-82 228 941		Water-quality characteristics of Everglades National Park, 1959-1977, with reference to the effects of water manage-	82-45	PB-83 127 548	M.A. Schoenburg and J.H. GuswaDelineation and hdyrologic
82-35	PB-83 117 903		ment, by B.G. Waller Aquifer test results, Green Swamp area, Florida, by C.H. Tibbals and H.F. Grubb			effects of a gasoline leak at Stovepipe Wells Hotel, Death Valley National Monument, California, by Anthony Buono and E.M. Packard
82-36	PB-83 151 852		Chemical-quality reconnais- sance of the water and surfi- cial bed material in the Delaware River estuary and adjacent New Jersey tribu- taries, 1980-81, by J.J. Hochreiter, Jr.	82-47	PB-83 196 147	
82-37	PB-83 156 653		Water resources and data- network assessment of the Manasota Basin, Manatee and Sarasota Counaties, Florida, by D.P. Brown	82-48	PB-83 184 309	Ground-water resources of the White River basin, Hamilton and Tipton Counties, Indiana, by L.D. Arihood
82-38	PB-83 102 723		Geologic and well-construc- tion data for the H-7 borehole complex near the proposed Waste Isolation Pilot Plant site, southeastern New Mexi- co, by S.L. Drellack, Jr., and	82-49	PB-83 117 929	Streamflow losses to Madison Group rocks in the Little Belt and Big Snowy Mountains, Montana, by R.D. Feltis and R.R. Shields
82-39	PB-83 188 235		J.G. Wells Method for relating suspended-chemical concentrations to suspended-sediment particle-size classes in stormwater runoff, by J.F. Rinella and S.W. McKenzie	82-50	PB-83 152 223	. Methodology for hydrologic evaluation of a potential sur- face mine, Loblolly Branch basin, Tuscalosa County, Alabama, by L.M. Shown, D.G. Frickel, R.F. Miller, and F.A. Branson

1982—Continued

WRIR#	NTIS #	USGS availability	Title, author	WRIR#	NTIS #	USGS availability	Title, author
82-53	PB-84 109 149		Ground-water temperature of the Wyoming quadrangle in central Delaware, with application to ground-water source heat pumps, by A.L. Hodges, Jr.	82-57	PB-83 215 731		Continuous seismic-reflection survey defining shallow sedimentary layers in the Charlotte Harbor and Venice areas, southwest Florida, by R.M. Wolansky, F.P. Haeni, and R.E. Sylvester Hydrogeology for land-use planning: The Potter Creek area, Anchorage, Alaska, by R.P. Emanuel and D.J. Cowing
82-54		Florida Dis- trict, official use copies	Assessment of the interconnection between Tampa Bay and the Floridan aquifer, by C.B. Hutchinson	82-86		Alaska District official use copies	
82-56	PB-83 165 175		Aquatic biology in Nederlo Creek, southwestern Wisconsin, by P.A. Kammerer, Jr., R.A. Lidwin, J.W. Mason, and R.P. Narf				